100+ AI Workflows Pack for n8n

Table of contents

Introduction

Welcome to the comprehensive catalog of n8n workflows included in this package. This document provides a complete listing of all available workflows, organized by category and use case to help you quickly identify and implement the automations that best suit your needs.

This collection represents a curated set of production-ready workflows covering a wide range of automation scenarios, from AI-powered chatbots and content creation to data extraction, document processing, and business intelligence. Each workflow has been designed to address specific business challenges while maintaining flexibility for customization.

Whether you're looking to automate customer communications, streamline data operations, enhance content production, or integrate AI capabilities into your existing processes, you'll find detailed descriptions of each workflow's functionality, business impact, and expected benefits. The workflows leverage cutting-edge technologies including OpenAI, Google Gemini, various LLM models, and numerous third-party services, all orchestrated through n8n's powerful automation platform.

Use this document as your reference guide to explore the full potential of the automation workflows at your disposal. Each entry includes a clear explanation of what the workflow does, its business value, and the tangible benefits it delivers to end users and operations teams.

Workflow Folder Structure

All workflows in this package are organized into three main categories:

Main Categories:

1. **AI Agents, Chatbots & Automation**
2. **AI Integration, Data Handling & Workflows**
3. **AI Tools for thinking, Research & Content**

Within each of these three main folders, every individual workflow is organized in a dedicated subfolder following a consistent structure:

Individual Workflow Structure:

- **JSON file**: The actual n8n workflow file that can be directly imported into your n8n instance
- **Markdown file (.md)**: A human-readable markdown representation of the workflow, providing detailed documentation and structure overview
- **PDF file**: A formatted PDF document generated from the markdown file, offering a portable and easily shareable version of the workflow documentation

This standardized structure ensures that workflows are not only functional but also well-

documented and accessible in multiple formats to suit different use cases and preferences.

Note: While the physical folder structure contains these three main categories, this document provides a more refined segmentation with additional subcategories (such as CHATBOT_MESSAGING, CONTENT_CREATION, DATA_EXTRACTION, etc.) to help you navigate and find specific workflow types more easily.

AI Agents, Chatbots & Automation

CHATBOT_MESSAGING

AI agent for Instagram DM_inbox Manychat + Open AI integration

WHAT THIS WORKFLOW DOES
This workflow automates Instagram DM responses by integrating ManyChat with n8n and OpenAI. Incoming Instagram messages are captured via a webhook, processed to maintain conversational context, and answered in a friendly influencer style using AI. The response is then sent back through ManyChat to the subscriber.
Business impact: Improves customer engagement by delivering timely, personalized replies with minimal manual intervention, increasing user satisfaction and retention. Enables scalable, consistent messaging that reflects the influencer's style.
Benefits: Subscribers receive quick, natural-feeling, and stylistically consistent answers; the brand maintains conversational context for fluid interactions; operational costs and response latency are reduced.

DeepSeek AI Agent + Telegram+ LONG TERM Memory

WHAT THIS WORKFLOW DOES
This workflow integrates a Telegram chatbot powered by DeepSeek AI models, enabling smart, personalized conversations enhanced by both short- and long-term memory. It listens to Telegram messages, validates users, routes messages by type, processes text messages with a deep conversational AI agent incorporating memory recall, and responds

back through Telegram. It also stores notable conversation details in a long-term memory stored in Google Docs for ongoing personalization.

Business impact: Automates intelligent, context-aware communication via Telegram with persistent memory, boosting user engagement, satisfaction, and efficiency in handling recurrent user interactions.

Benefits: Users receive friendly, informed replies that remember their preferences and past conversations, creating a natural and trustworthy chatbot experience that evolves over time.

DeepSeek V3 Chat & R1 Reasoning Quick Start

WHAT THIS WORKFLOW DOES
This workflow instantly engages users whenever a new chat message arrives, leveraging advanced DeepSeek AI models for conversational interaction and reasoning tasks. It combines a friendly conversational AI agent with strong analytical capabilities via DeepSeek R1, while maintaining context through memory buffers. Users benefit from coherent, context-aware dialogs with smart, helpful AI agents that remember conversation history and offer fast, accurate, and relevant responses.

Business impact:

- Improves customer engagement and satisfaction by providing relevant and coherent chatbot communication.
- Automates complex reasoning for queries that require analytical thinking, reducing human intervention.
- Ensures message delivery robustness and allows local model execution via Ollama for flexibility and cost control.

End-user benefits:

- Natural conversation flow with memory-based context retention.
- Quick, precise responses for both casual and complex inquiries.
- Friendly and helpful AI persona increasing trust and usability.

AI Integration, Data Handling & Workflows

CHATBOT_MESSAGING

Creating a AI Slack Bot with Google Gemin text

WHAT THIS WORKFLOW DOES
This workflow enables an AI-powered Slack bot that engages with users in Slack channels

by receiving messages via a webhook, maintaining conversation context with memory, processing user inputs with the Google Gemini Chat model, and sending friendly, contextual replies back to Slack. It automates Slack communication by providing personalized, relevant assistance related to automation tasks.

The business impact includes improved customer support efficiency, enhanced user engagement on Slack, faster response times, and consistent brand messaging without human intervention. End users benefit from timely, coherent, and contextually aware replies that feel conversational and helpful.

CONTENT_CREATION

Automate Blog Creation in Brand Voice with AI Text

WHAT THIS WORKFLOW DOES
This workflow automates the generation of new blog articles that reflect the brand voice and content style of existing published material. It begins by fetching recent blog posts, extracting and converting their content into a token-efficient Markdown format, and then uses AI to analyze their structure and voice characteristics. Finally, it combines these insights with user instructions to generate fresh, on-brand articles which are saved as drafts in WordPress for review.

The business impact is significant: it accelerates content production, ensures brand consistency, reduces manual editorial effort, and enhances engagement through tone coherence and stylistic alignment. This approach benefits content operations by providing a scalable AI-assisted pipeline to maintain high-quality, brand-aligned output without compromising creativity.

Automate Content Generator for WordPress with DeepSeek

WHAT THIS WORKFLOW DOES
This workflow automates creation of SEO-friendly blog content for WordPress based on content ideas stored in a Google Sheet. It generates complete articles and catchy titles using DeepSeek's specialized AI models, creates matching realistic cover images with OpenAI's DALL·E 3, publishes posts as drafts in WordPress, and updates the Google Sheet with post metadata.

This automation streamlines editorial workflows by minimizing manual writing and publishing tasks, accelerating content production with consistent quality and SEO optimization. It benefits content teams and blog managers by increasing output, improving topic coverage, and maintaining a structured content calendar without manual intervention.

Dynamically generate a webpage from user

WHAT THIS WORKFLOW DOES
This workflow takes a user’s HTTP query requesting a webpage (e.g., “a signup form”) and

dynamically generates a complete, styled HTML page tailored to the request. It uses OpenAI's GPT-4o models with structured output to create a JSON description of UI components employing Tailwind CSS, converts that JSON into raw HTML, wraps it into a full HTML boilerplate, and responds back with the finished page.

Business impact: Automates webpage prototyping and UI generation on demand, reducing manual frontend dev effort, accelerating product demos, and enabling scalable AI-assisted design workflows.

End-user benefits: Users get instant, customized webpage code from a simple text request without needing coding skills. Content operations gain a reliable, structured AI pipeline ensuring predictable output formats and easy integration.

Dynamically generate a webpage from user request using OpenAI

WHAT THIS WORKFLOW DOES
This workflow dynamically generates a fully styled HTML webpage in response to a user query sent via webhook. It uses OpenAI GPT-4o models to first design a UI structure as a strict JSON object with Tailwind CSS classes, then converts this JSON into clean HTML code, wraps it in a full HTML document template with Tailwind CSS loaded, and finally sends the complete HTML page back to the requester.

The business impact lies in automating custom webpage creation at scale, reducing design and development time, and providing users quick interactive prototypes or landing pages based on simple textual prompts. This empowers marketing, no-code builders, and content teams to rapidly generate presentable web interfaces without manual coding.

End-users benefit from fast, reliable webpage generation tailored to their textual ideas, while content operations gain a robust, traceable system with structured AI outputs minimizing errors and maximizing consistent styling through Tailwind classes.

Optimize & Update Printify Title and Description

WHAT THIS WORKFLOW DOES
This workflow automates the retrieval, optimization, and update of product titles and descriptions on Printify based on data updates from Google Sheets. It leverages AI-powered content generation to ensure product listings are attractive, SEO-friendly, and aligned with brand guidelines before updating Printify.
The workflow streamlines content creation, reduces manual editing, and enhances product listing quality across multiple sales channels including Shopify, Etsy, Amazon, and TikTok Shops.
End users benefit from up-to-date product content, improved SEO and engagement, and reduced overhead in managing Printify product details.

DATA_EXTRACTION

AI Agent to chat with you Search Console Data

WHAT THIS WORKFLOW DOES
This workflow enables conversational interaction with Google Search Console data through a chat interface. Users send natural language queries, which the AI agent interprets to fetch relevant web performance data, including property listings and customized analytics. The conversation history is persisted in Postgres for context-aware replies. This automates data retrieval, simplifying insight delivery without requiring users to know API details.

Business impact:

- Streamlines access to Search Console metrics, enhancing data-driven decisions
- Reduces manual querying and API complexity for analysts and marketers
- Provides dynamic, personalized data insights with conversational ease

User benefits:

- Conversational natural language interface for Search Console data
- Accurate, on-demand API calls generated automatically
- Persistent chat context for coherent multi-turn dialogues
- Easily readable markdown reports of performance metrics

AI Data Extraction w_ Dynamic Prompts and Baserow

WHAT THIS WORKFLOW DOES
This workflow automates the extraction of structured data from PDFs uploaded into a Baserow table by dynamically using user-defined prompts stored as field descriptions. It triggers on Baserow events like row or field creation/update, fetches the current schema to get extraction instructions, downloads and extracts PDF text, and runs language model (LLM) nodes to generate extracted values for each relevant field. Then, it updates only the fields impacted with these extracted values.

This dynamic prompt approach ensures flexibility for business users to specify exactly what data to extract without changing the workflow. It dramatically reduces manual data entry efforts, speeds up data availability, and maintains high data quality by leveraging AI-based parsing tuned by contextual prompts.

End users benefit from a seamless integration where PDF contents are intelligently parsed and key data populated automatically in their tables. Operationally, this ensures responsive, event-driven updates with optimized usage of LLM calls and minimal redundant processing.

AI Data Extraction with Dynamic

WHAT THIS WORKFLOW DOES
This workflow automates data extraction from PDFs uploaded in an Airtable base by dynamically evaluating user-defined prompt fields. When a row or field is updated in Airtable, it triggers PDF download, text extraction, and then uses AI (via LLM nodes) to extract specific values based on dynamic prompt descriptions defined in the Airtable schema. The extracted data is then used to update the respective Airtable records automatically.

This automation significantly reduces manual data entry errors and effort, streamlines handling of diverse data structures, and ensures up-to-date data by reacting instantly to changes in the Airtable base.

End users and data operations benefit from enhanced data accuracy, faster processing times, and flexible configuration of extraction prompts through Airtable field descriptions without changing the workflow logic.

AI Powered Web Scraping with Jina

WHAT THIS WORKFLOW DOES
This workflow automates extraction of structured book information from a specified webpage using AI to analyze raw HTML data fetched via Jina. Extracted data such as book title, price, availability, product URL, and image URL are then split into individual records and saved into a Google Sheet for further use.

It streamlines data extraction by eliminating manual parsing, enabling rapid, reliable data ingestion from web sources, ideal for market analysis, inventory tracking, or price comparison.

For users and data teams, it reduces manual effort, accelerates turnaround time, and increases data accuracy while providing traceability for troubleshooting.

Copy of Build Your Own Image Search

WHAT THIS WORKFLOW DOES
This workflow automates the process of building an object-based image search system. It downloads a source image, uses AI object detection to identify individual objects with high confidence, crops these objects out, uploads the cropped images to a CDN, and indexes the data in Elasticsearch for fast searchable queries.

Business impact includes more granular and precise image search capabilities by indexing objects rather than whole images. It streamlines the workflow for image processing and indexing, reducing manual effort and increasing throughput.

The end user benefits from an automated, reliable pipeline that delivers detailed object metadata and URLs for cropped images, enabling enhanced search relevance and faster image retrieval at scale.

Create, update, and get a profile in Humantic AI

WHAT THIS WORKFLOW DOES
This workflow automates the lifecycle of a user profile in Humantic AI, starting with retrieving an existing profile (or creating one) using a LinkedIn URL, updating the profile with resume data, and then fetching the enriched profile with a targeted “hiring” persona. It seamlessly chains multiple Humantic AI operations, ensuring the profile is current and personalized for hiring insights.

By automating profile creation and updates, it reduces manual data entry and accelerates hiring decision workflows. It ensures data consistency and freshness by programmatically syncing resume data and applying persona-based profile retrieval.

End users benefit from a streamlined way to maintain accurate AI-driven profiles without manual intervention, enhancing productivity and data-driven HR processes.

Deduplicate Scraping AI Grants for Eligibility

WHAT THIS WORKFLOW DOES
This workflow automates daily fetching of the latest AI-related grant opportunities from Grants.gov, filters out previously processed grants to prevent duplicates, retrieves detailed grant information, and uses AI-powered nodes to summarize the synopsis and assess eligibility. The extracted, validated data is merged and saved to an Airtable tracker for record-keeping and further processing. Finally, the workflow generates a formatted HTML newsletter from the latest eligible grants and emails it to subscribers.

By automating and optimizing grant data extraction and eligibility analysis, the workflow reduces manual effort, improves data accuracy, and accelerates decision-making on grant opportunities. It also ensures stakeholders receive timely, relevant insights in a professional format, boosting project and business outcomes.

Enrich Pipedrive_s Organization Data with OpenAi GPT 4o

WHAT THIS WORKFLOW DOES
This workflow automatically enriches new organization records in Pipedrive by scraping their website content, summarizing key business insights using OpenAI GPT-4o, and creating a detailed note in Pipedrive. It then formats this note for Slack and sends a notification to the relevant team channel. This increases CRM data richness, accelerates sales intelligence, and streamlines internal communication.

Business impact: Enables teams to quickly understand new organizations’ value propositions and competitors without manual research, improving sales outreach and decision-making. It also automates repetitive data enrichment tasks, saving time.

End user & data ops benefits: Automated data enrichment; enhanced CRM insights; consistent, well-formatted Slack alerts; reduced manual errors; faster business response.

Enrich Property Inventory Survey with Image

WHAT THIS WORKFLOW DOES
This workflow automates the enrichment of product inventory data by leveraging AI image analysis and internet research. It identifies products from photos in an Airtable database, extracts key attributes (title, description, model, material, color, condition), and enhances missing information via AI-powered internet tools like reverse image search and web scraping. The enriched data is then updated back into Airtable.

This automation drastically reduces manual data entry and research time, enhances data accuracy, and improves inventory quality — enabling faster, smarter decision-making for property surveyors and asset managers.

End users benefit from a streamlined, intelligent data pipeline that ensures product records are more complete, reliable, and enriched with relevant details sourced dynamically.

ETL pipeline for text processing

WHAT THIS WORKFLOW DOES
This workflow automates the end-to-end processing of tweets posted with the hashtag #OnThisDay. It triggers daily at 6 AM to collect recent tweets, store them into a MongoDB collection, perform sentiment analysis on the stored tweet texts using Google Cloud Natural Language API, then aggregates and saves the tweet text along with sentiment scores into a Postgres database. If a tweet's sentiment score exceeds a defined threshold, it sends a Slack notification for real-time alerting.

The business impact lies in automating social media sentiment monitoring efficiently, enabling timely response and data-driven insights. It reduces manual data handling, ensures consistent storage in both NoSQL and relational databases, and facilitates dashboarding or reporting on public sentiment trends.

End users benefit from precise sentiment extraction with robustness to incomplete data, faster data ingestion cycles, and immediate notifications empowering proactive social media engagement.

Extract and process information directly

WHAT THIS WORKFLOW DOES
This workflow automates the extraction of specific data—such as VAT numbers by country—directly from a PDF document stored on Google Drive. It downloads the PDF, converts it to a base64 format, then simultaneously sends it with a defined extraction prompt to two AI models (Anthropic’s Claude 3.5 Sonnet and Google’s Gemini 2.0 Flash) capable of understanding PDF content without intermediate OCR.

The business impact includes faster data extraction cycles by eliminating OCR steps, comparative evaluation of two leading AI providers for cost, speed, and output quality, and scalable automation of document processing tasks.

End users and data operations benefit through simplified setup, easier maintenance of prompt-based extraction, direct structured outputs for integration, and improved accuracy with fallback options for missing or incomplete data.

Extract Information from a Logo Sheet using forms, AI, Google Sheet and Airtable

WHAT THIS WORKFLOW DOES
This workflow automates the extraction of structured data from a user-uploaded logo sheet image submitted via a form, leveraging AI vision capabilities to identify tools/products, their attributes, and similar counterparts. It then cross-references and upserts this information into Airtable, creating or linking attributes and tools automatically with unique hashes for identity management.

By automating image-to-structured-data conversion and reliable Airtable synchronization, it enhances data handling speed, accuracy, and quality. The workflow reduces manual data entry, ensures consistency, and enables scalable enrichment of a product database, greatly benefiting end users by transforming unstructured image data into actionable, queryable records with minimal intervention.

Extract license plate number from image uploaded

WHAT THIS WORKFLOW DOES
This workflow automates the extraction of license plate numbers from images uploaded via a user form.
It takes an uploaded JPG or PNG image of a vehicle, processes the image using an AI model to identify and extract the license plate number of the front-most car, and displays the extracted plate number directly to the user.
This automation reduces manual data entry, improves accuracy of license plate capture, accelerates processing time, and supports downstream data operations such as vehicle tracking or record keeping.

Extract personal data with self-hosted LLM

WHAT THIS WORKFLOW DOES
This workflow listens for incoming chat messages and extracts structured personal information from user inputs using a locally hosted Mistral NeMo language model accessed via Ollama. It identifies key personal details such as name, surname, communication method, contacts, timestamps, and subject, formatted strictly to a predefined JSON schema. The workflow ensures high data quality by auto-fixing inconsistent or schema-invalid outputs and formatting the final extraction into a clean JSON object for downstream use.

By automating personal data extraction with a reliable local LLM, this workflow enhances data handling speed, reduces manual entry errors, and supports GDPR-compliant data collection processes. End users benefit from precise, fast extraction of relevant structured info embedded in unstructured chat inputs, enabling smooth integration into CRM or analytics tools.

Extract spending history from gmail to google sheet

WHAT THIS WORKFLOW DOES
This workflow automatically monitors Gmail inboxes for emails labeled as invoices and payments. It extracts transaction details from email content and attachments (including PDFs), processes single or multiple payment info scenarios appropriately, and uses AI language models to parse and structure detailed spending records (date, amount, vendor, category, currency, card). Structured data is then appended into Google Sheets for bookkeeping and spend tracking.

The business impact is significant time savings by automating spend data capture and classification, improving accuracy and consistency of financial records, and providing centralized visibility. For end users, this removes manual searching and data entry, enabling faster and more reliable spend analytics.

Generating Image Embeddings via Textual

WHAT THIS WORKFLOW DOES
This workflow automates the process of generating text-based embeddings from an image by:

- Downloading a specific image from Google Drive.
- Extracting detailed color channel information and resizing the image to 512×512 pixels if larger.
- Leveraging an OpenAI Multimodal vision model to produce a rich, comma-separated list of semantic keywords describing the image (subjects, mood, lighting, techniques, etc.).
- Combining color data and keywords into a structured text document with metadata to represent the image comprehensively.
- Converting the document into embeddings for insertion into an in-memory vector store for fast vector similarity search.
- Testing the vector store retrieval by querying with a sample prompt.

Business impact: Automates complex image-to-text embedding generation, enabling scalable, semantic search of images by content rather than filename or tags alone. This

improves data accessibility, search relevance, and speeds up downstream tasks like image recommendation or classification.

Benefits: Users gain automated, high-quality embedding documents from images integrating visual and semantic features, improving search and AI integration workflows reliability and accuracy.

Get Airtable data via AI and Obsidian Notes

WHAT THIS WORKFLOW DOES
This workflow bridges Obsidian notes and Airtable data using AI. When triggered by a webhook from Obsidian containing a user's text query, it fetches relevant Airtable data and processes both the query and retrieved data through an AI agent leveraging GPT-4o-mini. The AI generates a context-aware, concise response which is sent back to Obsidian to enrich notes dynamically.

Business impact: automates contextual insights from Airtable based on user queries within Obsidian, reducing manual lookups, improving decision agility, and enhancing note-taking workflows.

End-user benefits: seamless interactive Q&A integrated into notes, faster access to structured data, and improved data utility without leaving Obsidian.

Qualify new leads in Google Sheets via OpenAi GPT 4

WHAT THIS WORKFLOW DOES
This workflow automates the qualification of new leads submitted via a Google Sheet by leveraging OpenAI's GPT-4 model. It extracts lead data from each new row, evaluates the quality of the lead using defined business criteria, and updates the same Google Sheet with the qualification rating and explanation.
The process accelerates lead prioritization, ensuring sales or marketing teams focus on high-potential prospects. It eliminates manual screening, reduces human error, and enhances data quality for lead management.

Qualify replies from Pipedrive persons with AIt txt

WHAT THIS WORKFLOW DOES
This workflow automates the qualification of replies received from leads through cold email campaigns. Incoming emails are scanned, lead details are fetched and matched in Pipedrive, and their reply content is evaluated by OpenAI’s GPT-4 model to determine if the prospect is interested in a sales meeting or call. If the lead is qualified as interested, a deal is created automatically in Pipedrive.

By automating lead qualification, the workflow reduces manual screening time, ensures unbiased and consistent lead assessment, and accelerates deal creation for interested leads. This increases sales efficiency and improves pipeline quality while maintaining seamless integration between email, CRM, and AI.

End users gain a reliable, scalable way to handle high volumes of lead replies with instant qualification results, allowing sales teams to prioritize and engage effectively.

Query n8n Credentials with AI SQL Agent

WHAT THIS WORKFLOW DOES
This workflow automates the extraction, storage, and querying of n8n workflow credentials using AI-powered natural language queries. It fetches all workflows and their node credentials, consolidates them into a local SQLite database, and exposes an AI chat interface that queries this database via an AI SQL agent.
The business impact is improved visibility and management of workflow credentials, enabling users to efficiently discover credential usage across workflows without manual inspection. This supports security audits, compliance checks, and workflow optimization.
End users benefit from a highly interactive, natural language query interface that abstracts complex SQL querying, accelerating data-driven decision making and workflow governance.

DOCUMENT_PROCESSING

Auto-generate documentation for n8n workflows

WHAT THIS WORKFLOW DOES
This workflow automatically generates structured, human-readable documentation for n8n workflows by extracting workflow metadata, configurations, and node details. It uses GPT-4 Turbo to produce Markdown documentation containing an overview, workflow description, detailed node settings, and a Mermaid schematic diagram, ensuring developers and operators quickly understand each workflow's purpose and setup.

It creates or updates documentation files stored in a designated project path and provides dynamic serving of these docs via HTML endpoints styled with Docsify. Users can view, edit, and save documentation live, supported by an embedded Markdown editor with Mermaid rendering for visual diagrams.

The business impact is significant: it reduces manual documentation effort, improves knowledge sharing, and accelerates workflow onboarding, review, and maintenance, enhancing operational efficiency and compliance.

End users benefit from automatically current, easy-to-navigate documentation linked directly to their n8n instance workflows, fostering collaboration and minimizing knowledge loss.

BambooHR AI-Powered Company Policies

WHAT THIS WORKFLOW DOES
This workflow automates the process of retrieving, processing, and indexing company HR documents (such as employee handbooks, benefits, and policies) from BambooHR. It loads these documents into a searchable vector store, enabling an AI-powered chatbot to

answer employee questions about company policies and benefits. It enriches responses by performing live employee lookups (by name or department) to provide contact details and escalation paths.

This automation improves employee self-service efficiency, reduces HR workload answering repetitive queries, and ensures consistent, up-to-date access to vital company information and contacts.

Employees benefit from quick, accurate answers related to policies and contacts, while HR gains a reliable AI assistant integrated directly with BambooHR data.

Extract data from resume and create PDF with

WHAT THIS WORKFLOW DOES
This workflow automates resume processing by receiving a resume PDF via Telegram, extracting text, and using AI to parse critical structured data such as personal info, work experience, education, projects, volunteering, and skills. It then converts parsed data into formatted HTML sections, merges them into a single document, converts that to a PDF using Gotenberg, and sends the polished PDF back to the user on Telegram.

The business impact includes drastically reduced manual resume data entry, faster, standardized resume formatting, and improved data accuracy for HR or applicant tracking systems. End users receive a neat, professional version of their resume instantly, increasing user satisfaction and operational efficiency.

Invoice data extraction with LlamaParse and OpenAi

WHAT THIS WORKFLOW DOES
This workflow automates the end-to-end extraction of structured invoice data from PDF attachments received via Gmail. By leveraging LlamaParse for advanced PDF parsing and OpenAI's GPT-3.5-turbo for precise extraction, it transforms unstructured invoice content into clean JSON data. The extracted data is reliably appended to a Google Sheet for financial reconciliation. Additionally, processed emails are labeled to avoid duplicates.

This automation reduces manual data entry errors, accelerates invoice processing, and improves auditability and traceability. It delivers scalable invoice handling, speeding up financial workflows and providing consistent, accurate data for downstream systems.

End users benefit from reduced workload, faster invoice turnaround, and higher data quality, enhancing operational efficiency in finance and accounting teams.

Invoice data extraction with LlamaParse and OpenAI Workflow Intelligent Invoice Data Extraction & Reconciliation

WHAT THIS WORKFLOW DOES
This workflow automates the entire invoice processing pipeline from receiving invoice PDFs via email to structured data extraction and reconciliation in a Google Sheet. It listens for

new invoice emails, downloads PDF attachments, uploads them to LlamaParse for advanced parsing, extracts structured invoice details via an LLM, validates and formats JSON data, then appends this data for reconciliation and labels processed emails to avoid duplicates.
By combining AI-powered parsing with document automation, it reduces manual data entry errors and accelerates invoice processing. End users benefit from faster, reliable invoice reconciliation and reduced administrative overhead.

EMAIL_AUTOMATION

Basic Automatic Gmail Email Labelling

WHAT THIS WORKFLOW DOES
This workflow monitors your Gmail inbox at 5-minute intervals to detect newly received emails. Upon detection, it retrieves the email content and metadata, uses an AI agent (OpenAI Chat) to analyze email details (subject, sender, body, keywords), and intelligently assigns the most relevant Gmail label. If no suitable label exists, it creates a new label aligned with your current label structure, then labels the email accordingly. The workflow also manages Inbox label removal for low-priority emails (e.g., ads/promotions) to keep your inbox organized.

By automating email labeling, this workflow enhances email organization, reduces manual sorting efforts, and improves productivity. It ensures important emails are easily accessible while promotional or less critical emails are categorized correctly, boosting email engagement and operational efficiency in Gmail.

create e-mail responses with fastmail and OpenAI

WHAT THIS WORKFLOW DOES
This workflow automates drafting personalized email replies for incoming messages in a Fastmail IMAP inbox. It watches for new, unread emails; extracts sender, subject, and content; generates a casual, appropriate response using OpenAI GPT-4; and creates a draft reply stored in the Fastmail Drafts folder via JMAP API.

Business impact: It accelerates email handling by automating reply drafts, improving reply times and consistency. This fosters better engagement and conversions by providing timely, personalized responses, while maintaining sender trust and brand tone. It also reduces manual workload for users and email teams.

End users benefit from faster, well-phrased replies that respect formality and cultural tone, increasing deliverability and response rates.

Email Subscription Service

WHAT THIS WORKFLOW DOES
This automated workflow triggers daily at 7 AM to fetch recent emails from a configured Gmail account. It extracts key details from these emails, including sender, recipient, CC,

and a brief content snippet. The workflow then generates a concise AI-powered summary highlighting essential points and action items from the emails. Finally, it sends a styled HTML summary report to a designated team email with optional CC recipients.

The business impact is significant: it reduces manual email monitoring, accelerates team awareness, and streamlines prioritization by delivering focused, actionable email insights daily. This enhances team productivity, response times, and ensures no critical email is overlooked.

For end users and email operations, this results in improved email triage, reduced cognitive load, and consistent communication oversight, fostering better collaboration and decision-making.

Email Subscription Service with n8n Forms

WHAT THIS WORKFLOW DOES
This workflow automates an email subscription service allowing users to subscribe to daily, weekly, or surprise factoid emails on topics of their choice via n8n forms. It fetches subscribers scheduled for that day, generates fresh unique factoid content and a child-friendly illustration using AI, assembles an engaging email with unsubscribe options, and sends it via Gmail. The workflow updates Airtable to log email sends and manages unsubscribes safely through forms.

The business impact is significant: it increases email engagement by delivering personalized, unique, and visually appealing content on a regular schedule, helping maintain subscriber interest and reducing unsubscribes. Automated logs and error isolation ensure smooth operation at scale, boosting conversion and retention rates.

For end users, it offers a seamless subscription experience, relevant and entertaining content, and straightforward unsubscribe options, improving customer satisfaction and trust. For email operations, it ensures maintainable, traceable, and fault-tolerant email delivery.

Email Subscription Service with n8n Forms,Airtable & Ai

WHAT THIS WORKFLOW DOES
This workflow automates the sending of topic-based factoid emails to subscribed users at their chosen frequency: daily, weekly, or surprise. It integrates n8n Forms for subscription and unsubscription handling, Airtable as subscriber database/storage, and AI agents for dynamic content and child-friendly image generation. Emails are personalized, include unsubscribe links, and the workflow runs concurrently for optimal throughput.

The expected business impact is improved subscriber engagement by delivering personalized, timely, and visually appealing content while maintaining high deliverability through explicit unsubscribe handling. This leads to higher retention, conversion, and reduced spam complaints.

End users benefit from receiving relevant, fresh content on their preferred schedule, with simple subscription management. From an email operations perspective, automation and concurrency reduce manual overhead and scaling bottlenecks.

Gmail AI Auto-Responder_ Create Draft Replies

WHAT THIS WORKFLOW DOES
This workflow automatically responds to incoming Gmail messages by analyzing if a reply is needed and then generating professional draft replies. If the incoming email requires a reply (excluding emails sent by the user), it drafts a clear, concise, and context-appropriate response, creating a Gmail draft linked to the original conversation thread.

The expected business impact includes improved email responsiveness, enlarged engagement rates, quicker turnaround time on inbound inquiries, and reduced manual workload for email handling teams. For end users, it streamlines communications and maintains consistent brand voice and professionalism without delay or oversight.

RESEARCH_ANALYSIS

AI Crew to Automate Fundamental Stock Analysis

WHAT THIS WORKFLOW DOES
This workflow automates the ingestion, indexing, and querying of fundamental stock analysis documents. It downloads PDFs from Google Drive, converts them into searchable text chunks, creates vector embeddings, and stores them in a Qdrant vector database. When users submit questions via a webhook, the workflow retrieves relevant document chunks and uses an OpenAI chat model to generate accurate, context-aware answers. This automation drastically reduces manual research time, enhances analysis depth, and delivers precise, contextual insights on stock fundamentals.

The business impact is significant: it accelerates research workflows, enhances data accessibility, ensures consistent high-quality responses, and enables scalable interaction with complex financial documents.

End users benefit from an intuitive Q&A interface backed by powerful AI retrieval and language models, thus improving decision-making speed and accuracy.

Automate Competitor Research with Exa ai

WHAT THIS WORKFLOW DOES
This workflow automates the competitor research process by first defining a source company, then using Exa.ai to find similar companies (competitors). For each competitor, multiple specialized AI agents gather detailed information including company overview (founders, CEO, funding, etc.), product offerings (features, pricing), and product reviews (pros, cons, sentiment). The information is combined into a structured report and saved into a Notion database for easy review and comparison. This greatly enhances research efficiency by automating data gathering and multi-source synthesis, reducing manual effort

and improving the depth and accuracy of insights. End users benefit from timely, comprehensive competitor intelligence presented in a central, actionable format.

Automate Pinterest Analysis AI-Powered Content Suggestions With

WHAT THIS WORKFLOW DOES
This workflow automates the weekly extraction of Pinterest pin data, cleans and labels it as Organic,and updates a structured Airtable database. An AI agent analyzes this aggregated data to identify content performance trends and suggests new pin ideas tailored for target audiences. The findings are concisely summarized and emailed to the marketing manager, enabling data-driven content strategy and scheduling.

By automating data retrieval, analysis, and reporting, this workflow accelerates research efficiency, improves insight accuracy, and ensures timely, actionable recommendations without manual intervention.

Users benefit from a consistent, high-value flow of marketing intelligence that supports content calendar optimization and audience engagement strategies.

Build a Tax Code Assistant with Qdrant, Mistral

WHAT THIS WORKFLOW DOES
This workflow automates the creation of an AI-powered assistant for Texas tax code legislation. It downloads official tax code PDFs, extracts and segments them into chapters and sections, creates semantic embeddings using Mistral AI, and stores them in a Qdrant vector database. The AI Agent then utilizes these embeddings to answer user queries precisely, citing chapter and section references.

This automation improves research efficiency by transforming voluminous legal texts into an accessible, searchable knowledgebase, accelerating legal research and ensuring high accuracy in query responses. End users benefit from instant, context-aware answers to complex tax code questions with traceable source references.

Create a Google Analytics Data Report

WHAT THIS WORKFLOW DOES
This workflow automatically gathers Google Analytics data weekly for the last 7 days and the same period from the previous year, calculates summary metrics and comparisons, and generates an AI-enhanced HTML report. The report is then sent by email and optionally summarized for Telegram messaging.

By automating metric collection, year-over-year comparison, summarization, and multi-channel delivery, it accelerates research reporting and ensures consistent, accurate insights for data-driven decisions.

End users benefit from timely, well-structured analytics summaries without manual data crunching, enhancing research efficiency and stakeholder communication.

Customer Insights with Qdrant, Python and Information Extractor

WHAT THIS WORKFLOW DOES
This workflow automates the collection, organization, and analysis of TrustPilot reviews for a specified company. It scrapes recent reviews, extracts structured data, stores review embeddings in a Qdrant vector database, clusters similar reviews using machine learning, and leverages an AI agent to generate summarized insights including sentiment and improvement suggestions. Finally, it exports the enriched insights and raw data to a Google Sheet for easy review and tracking.

The business impact is significant: it accelerates customer sentiment research by automating tedious manual data collection and analysis steps, improving the accuracy and depth of insights derived from customer feedback, enabling data-driven decision-making at scale.

End users gain automated, nuanced understanding of customer opinions and pain points in near real-time, empowering product, marketing, and customer service teams to act more precisely and efficiently.

Integrating AI with Open-Meteo API for Enhanced Weather Forecasting

WHAT THIS WORKFLOW DOES
This workflow enables real-time, AI-driven weather forecasting by processing user chat requests to fetch accurate 7-day weather forecasts. It systematically extracts the city name from user input, retrieves geolocation data via the Open-Meteo geocoding API, and then collects localized weather forecast data. The workflow culminates by formatting and delivering a clear, user-friendly weather report in conversational style.

By automating multi-step API calls with AI-enabled decision making, it enhances research efficiency by eliminating manual data retrieval steps, accelerating customer response time, and enabling reliable, context-aware forecast generation.

End users benefit from instant, precise weather insights customized to their query, while research operations gain a robust, extensible template for integrating AI with multi-API data workflows.

Intelligent Web Query and Semantic

WHAT THIS WORKFLOW DOES
This workflow receives a user research question via a webhook, then intelligently generates a refined web search query by breaking down the question through multi-step reasoning. It uses this query to fetch search results from Brave's web search API, aggregates and normalizes them, then semantically re-ranks results based on their relevance to the refined query and the original user intent. Finally, it extracts key insights and returns the top-ranked URLs in a structured JSON format.

The business impact is significant by automating complex research processes — reducing manual query optimization, improving precision of search results, and providing researchers or business users timely, relevant, and actionable insights. This increases operational research efficiency, lowers AI costs through optimized token usage, and enhances the quality of data-driven decisions.

End users benefit from having a streamlined, plug-and-play API interface for research that requires minimal setup—just sending a question to the webhook returns high-quality, ranked content ready for further processing or presentation.

Query Perplexity AI from your n8n workflows

WHAT THIS WORKFLOW DOES
This workflow automates querying Perplexity AI's chat completions API from within n8n, using user-defined prompts to retrieve concise, relevant AI-generated answers. It enables the integration of Perplexity's AI-powered search and summarization capabilities into data pipelines and conversational automation.

The business impact is improved research efficiency by automating knowledge extraction and synthesis via Perplexity's AI model "sonar," allowing users to quickly obtain high-quality answers filtered by domain and recency. It lowers manual search effort and accelerates decision-making workflows.

End users benefit by receiving instant, contextual AI responses customized with system/user prompts and domain filters. Research operations gain traceable, streamlined AI queries that fit seamlessly in an n8n environment with clear error handling and token-optimized prompt designs.

WORKFLOW_AUTOMATION

Customer Support Channel and Ticketing System

WHAT THIS WORKFLOW DOES
This automated workflow monitors a designated Slack channel for new messages tagged with the ticket emoji ( ), which indicate user support requests. It extracts essential data from each message and verifies against existing Linear issues to prevent duplicate tickets. For new issues, it uses ChatGPT to generate a concise ticket title, a summarized description, actionable suggestions, and a prioritized urgency level. Finally, it creates a new ticket in Linear populated with AI-generated content alongside original Slack message metadata.

By automating ticket creation in Linear from Slack requests, this workflow drastically reduces manual triage and data entry effort. It accelerates response time, improves ticket quality with AI-curated content, and ensures duplicate issues are avoided. This boosts support team efficiency, accuracy in prioritization, and reliability in issue tracking.

Fetch Dynamic Prompts from GitHub and Auto-Populate n8n Expressions in Promp

WHAT THIS WORKFLOW DOES
This workflow automates fetching customizable AI prompt templates from a GitHub repo and dynamically injects variable values into the prompt placeholders. It validates that all required variables are present before sending the completed prompt to an AI agent for processing and outputs the AI's response.

By automating prompt retrieval and dynamic population, it enables rapid, error-free generation of tailored AI prompts without manual editing. This reduces turnaround time, minimizes human error, and ensures prompt templates remain centralized and version-controlled in GitHub.

End users benefit from seamless prompt updates and effortless customization parameters, supporting consistent, scalable AI interactions aligned with current business data and terminology.

Handling Appointment Leads and Follow-up With Twilio, Cal.com and AI

WHAT THIS WORKFLOW DOES
This workflow automates the entire appointment lead management process for PC and laptop repairs, starting when a customer sends an SMS via Twilio. It handles commands (like STOP), manages customer chat sessions in Airtable, uses AI agents to understand customer requests and schedule/reschedule/cancel via Cal.com API, and performs scheduled follow-ups via SMS to engage potential customers. The goal is to streamline customer interactions, improve appointment booking efficiency, and reduce manual follow-up efforts.

Business impact includes faster response times, higher booking conversion rates, and automated opt-out management. This enhances operational efficiency for the business while providing customers with timely, personalized communication and control over messages received.

Handling Job Application Submissions with AI and n8n Forms

WHAT THIS WORKFLOW DOES
This workflow automates the process of collecting job applicant CVs via an n8n form, validating them as genuine CV documents through AI classification, then extracting structured applicant data relevant to a specific job posting using a large language model (LLM). The extracted data is saved in Airtable for applicant tracking, with the original CV attached. Finally, the applicant is redirected to a second form prefilled with the extracted data for review and amendment.

The business impact includes streamlined applicant intake, improved data accuracy by verifying CV authenticity, and faster processing by extracting only relevant information. This

reduces manual data entry, candidate frustration, and errors in hiring pipelines, enhancing hiring team efficiency and candidate experience.

Benefits:

- Reliable CV validation reduces processing invalid applications.
- Automated relevant data extraction saves HR time and effort.
- Seamless multi-step form process improves applicant engagement.
- Centralized ATS storage with attachments for easier review.
- Traceable and robust workflow allowing error retries and monitoring.

Local Multi-LLM Testing & Performance Tracker

WHAT THIS WORKFLOW DOES
This workflow automates testing multiple local large language models (LLMs) via LM Studio by sending the same chat prompt to each available model, capturing their concise, 5th-grade-readable responses. It records response timing, analyzes detailed textual metrics (word/sentence count, average lengths, readability scores), and logs all results in Google Sheets for performance tracking and comparison.

Business impact includes accelerated, parallelized multi-model evaluation with consistent readability criteria, enabling data-driven model selection and tuning. It saves manual effort, improves testing accuracy, and provides actionable insights to optimize local LLM performance.

End users benefit from quickly identifying the best LLMs for their needs, ensuring responses are easily understandable, and monitoring model speed and quality over time.

Organise Your Local File Directories With AI

WHAT THIS WORKFLOW DOES
This workflow monitors a specified local folder for new files, identifies and lists files and existing folders, then uses Mistral AI to intelligently suggest how to categorise and organise files by moving them into appropriate subdirectories. It creates folders if needed or assigns files to a miscfolder by default. The workflow automates manual sorting, enabling highly efficient file management.

Business impact includes eliminating tedious manual file organisation, reducing clutter, and improving file retrieval times. Users benefit from a well-structured directory system with minimal effort, enhancing productivity and system hygiene.

Qualifying Appointment Requests with AI & n8n forms

WHAT THIS WORKFLOW DOES
This workflow automates the qualification of appointment requests submitted via n8n

forms by using AI text classification and summarization.
It first classifies the enquiry to determine if it is relevant for an appointment, then collects terms agreement, date/time preferences, and finally routes the request for human approval.
Admin approval triggers either appointment creation in Google Calendar or sends a rejection email.
This reduces manual lead triage, speeds scheduling, and ensures only meaningful appointments proceed, improving team efficiency and customer experience.

AI Tools for thinking, Research & Content

CHATBOT_MESSAGING

AI Voice Chat using Webhook, Memory Manager, OpenAI, Google Gemini & ElevenLabs

WHAT THIS WORKFLOW DOES
This workflow provides an interactive AI voice chat experience by converting user voice messages into text, maintaining conversation context, generating AI responses using Google Gemini and OpenAI models, and returning a natural-sounding audio reply via ElevenLabs synthesis.
It improves customer communication by enabling seamless voice interactions with contextual understanding and scalable AI response generation.
End users benefit from a fluid, personalized, continuous voice conversation that retains prior dialogue, enhancing engagement and satisfaction.

AI Voice Chatbot with ElevenLabs & OpenAI for Customer Service and Restaurants

WHAT THIS WORKFLOW DOES
This workflow enables a voice-first conversational AI agent that receives voice messages, transcribes them to text, enriches the context using vector search over company documents, generates helpful and precise responses via AI language models (OpenAI GPT-4 and Google Gemini), then synthesizes the response back to audio with ElevenLabs before delivering it to the user.

The business impact is stronger customer engagement through natural voice interaction, improved support efficiency by automating responses, and enhanced user satisfaction with contextual, accurate, and timely AI-generated answers. For end users, this enables an intuitive, accessible, and frictionless conversational experience with dynamic memory retention and expert knowledge retrieval tailored for customer service and restaurant contexts.

Detect toxic language in Telegram messages

WHAT THIS WORKFLOW DOES
This workflow monitors new and edited messages from Telegram chats and channels. It analyzes each incoming message for toxic language, including profanity, threats, or identity attacks, using the Google Perspective API. If the profanity score exceeds a threshold (0.7), it automatically replies to the sender on Telegram with a clear no-tolerance warning.

This automation improves the quality and safety of Telegram conversations by instantaneously detecting and responding to toxic speech, reducing manual moderation workload. End users benefit from a more respectful messaging environment, enhancing community engagement and protecting members from offensive content.

Discord AI-powered bot

WHAT THIS WORKFLOW DOES
This workflow processes user feedback received via a Discord webhook, utilizes GPT-4 to analyze and categorize the feedback into three distinct types—success stories, urgent issues, or regular tickets—and then routes these categorized messages to the appropriate Discord department channels (Customer Success, IT, or Helpdesk). This automates and accelerates customer feedback triage, ensuring urgent issues receive priority attention while routine feedback is efficiently handled by the right teams.

The business impact includes faster response times, improved customer satisfaction, automation of repetitive sorting tasks, and better internal team coordination. For the end user, this means their feedback is acknowledged and acted upon more promptly and appropriately, enhancing communication quality and overall user engagement with the service.

OpenAI assistant with custom tools Workflow OpenAI Assistant with custom n8n tools

WHAT THIS WORKFLOW DOES
This workflow functions as an AI-powered chatbot interface that accepts manual user chat inputs and processes them by leveraging an OpenAI assistant integrated with custom n8n tools. It interprets user queries to either list fictional countries or provide the capital of a specified fictional country from a predefined dataset.

The workflow routes the request intelligently: if the user asks for list,it returns all country names; if the query is a country name, it returns the corresponding capital or an error message if not found. It also supports being called as a sub-tool within other workflows.

Business impact: Automates knowledge lookup with immediate, accurate responses, improving response times and reducing manual lookup needs in customer interactions or demos.

End-user benefits include clear, concise answers, helpful fallback messaging when a country is unknown, and instant access to complete data with a simple keyword.

OpenAI Assistant workflow_ upload file,createan Assistant, chat with it!

WHAT THIS WORKFLOW DOES
This workflow automates the process of creating a custom AI assistant tailored to a specific document (a music festival guide) by:

- Downloading a file from Google Drive and converting it to PDF,
- Uploading the file as a knowledge source to OpenAI,
- Creating a custom assistant with GPT-4 Turbo Preview using the uploaded file for knowledge retrieval,
- Enabling live chat interaction with users who ask questions about the festival.

The business impact is streamlined creation and deployment of a domain-specific conversational AI that provides accurate, context-aware answers to end-users interacting via chat. This reduces manual support effort, ensures up-to-date event info, and enhances user satisfaction.

For users, it delivers precise, contextually relevant answers supported solely by the festival document, maintaining a friendly yet concise tone.

CONTENT_CREATION

AI-Powered Children_s Arabic Storytelling on Telegram

WHAT THIS WORKFLOW DOES
This workflow automates the creation and distribution of Arabic children's stories on Telegram. It generates engaging, culturally rich short tales in English, translates them into kid-friendly Arabic, produces matching story images (without text), generates audio narrations, and then publishes all outputs to a Telegram channel.
By combining AI generation with multimedia content creation and seamless publishing, it boosts audience engagement, educational value, and storytelling efficiency. This enables content teams to scale captivating storytelling for children while maintaining high-quality cultural and language adaptation.

Author and Publish Blog Posts From Google Sheets

WHAT THIS WORKFLOW DOES
This workflow automates the entire blog post authoring and publishing process using data stored in Google Sheets. It reads scheduled blog posts and configuration settings, dynamically prepares blog content by replacing placeholders, optionally refines or generates content with AI prompts, checks scheduling to publish posts exactly when due,

builds WordPress XMLRPC payloads, publishes posts to WordPress, and logs every action and status back in Google Sheets.

This integration significantly reduces manual content management overhead, accelerates publishing cycles, and allows for flexible AI-enhanced content creation aligned with business needs. It benefits content teams by automating repetitive tasks, ensuring timely publication, and improving content quality and engagement with contextual AI refinement.

Auto-Categorize blog posts in wordpress using A.I.

WHAT THIS WORKFLOW DOES
This workflow automates the categorization of WordPress blog posts by analyzing each post's title using an AI agent and assigning the most relevant category ID from a fixed taxonomy. It fetches all blog posts, sends their titles to an AI content strategist/taxonomy specialist model to decide on the dominant category, and updates each post accordingly. This reduces manual categorization effort, ensures consistent taxonomy usage, and optimizes SEO and content discovery.

Business impact: Speeds up content organization significantly, enabling teams to manage large blogs effortlessly. It improves site navigation and relevance, boosting user engagement and search performance. For content operations, it automates a tedious task, freeing resources for creative work.

Benefits:

- Saves hours previously spent on manual classification
- Delivers consistent and strategic category assignments
- Easy to customize categories and AI logic
- Enhances content management workflows with minimal maintenance

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Automatic Background Removal for Images in Google Drive

WHAT THIS WORKFLOW DOES
This workflow automates the removal of image backgrounds for new images added to a specified Google Drive folder. It downloads images, configures parameters like background color, padding, and output size, and uses the PhotoRoom API to remove backgrounds and add padding. Processed images are then re-uploaded to a designated Google Drive folder.

Business impact includes significant time savings by automating repetitive image editing tasks, improved image consistency for content operations, and scalable batch processing to handle multiple images efficiently. This enables end users to maintain professional visual assets without manual intervention, enhancing productivity and creative throughput.

Auto-Tag Blog Posts in WordPress with AI

WHAT THIS WORKFLOW DOES
This workflow automatically tags new blog posts published on a WordPress site by leveraging AI to generate relevant tags. It monitors an RSS feed for new articles, uses AI to suggest 3-5 descriptive tags in title case, compares suggested tags with existing WordPress tags, creates any missing tags via API, and finally updates the blog post with the correct tag IDs. This eliminates manual tagging and ensures accurate, SEO-friendly categorization.

The business impact includes saving time and effort in content management, improving site taxonomy integrity and discoverability, and ensuring consistent tagging conventions. For content operations, it reduces human errors, accelerates publishing workflows, and enhances SEO performance by using AI-optimized tags.

Easy Image Captioning with Gemini 1.5 Pro

WHAT THIS WORKFLOW DOES
This workflow automates image captioning by fetching an image from a URL, resizing and analyzing it, then generating a creative, pun-based caption using Google's Gemini 1.5 Pro multimodal AI model. The caption is then precisely positioned and overlaid onto the image, producing a final, captioned image ready for publishing or branding.

Business impact includes accelerating content production with AI-generated descriptive captions that increase user engagement and social sharing potential, while reducing the need for manual caption writing. The workflow's automation improves efficiency, enables creative content personalization, and enhances visual storytelling for marketers, publishers, and social media managers.

End users benefit from a streamlined, fully automated pipeline that creates appealing, context-aware image captions with minimal manual intervention, supporting scalable content operations with consistent high-quality outputs.

Enrich FAQ sections on your website pages at scale with AI

WHAT THIS WORKFLOW DOES
This workflow automates the generation and enrichment of FAQ sections for multiple website pages using AI. It fetches service or category data from Google Sheets, uses predefined Q&A templates, calls an AI model to complete or enhance answers where needed, aggregates results, and saves them as JSON files in Google Drive. Additionally, it updates the source sheets' statuses and optionally sends data to external CMS platforms (Strapi, Wordpress, Webflow).

The business impact includes dramatically accelerating content production, ensuring consistent and high-quality FAQ content, reducing manual editing effort, and scaling content updates effortlessly. This boosts user engagement by providing clear, accurate, and tailored FAQs generated with AI enhancements.

Content operations benefit from streamlined maintenance, traceability of content updates, and improved use of AI to augment knowledge bases.

Flux AI Image Generator

WHAT THIS WORKFLOW DOES
This workflow enables users to generate high-quality AI images by submitting a custom text prompt along with a selected artistic style. It automatically enriches the user input with detailed, style-specific prompts, routes these to appropriate nodes for augmentation, sends the combined prompt to a Hugging Face FLUX.1-schnell model for image generation, uploads resulting images to Cloudflare R2 storage, and serves a polished webpage displaying the generated image alongside style details and recent renders.

This automation streamlines creative image content production, reducing manual styling effort and accelerating visual asset generation at scale. It enhances user satisfaction via a smooth front-to-back experience: prompt creation, image synthesis, hosting, and delivery.

End users benefit from instant, diverse, and richly styled AI images with minimal manual configuration, while content operators gain efficiency, consistency, and measurable performance from integrated error handling and traceability.

Flux Dev Image Generation (Fal.ai) to Google Drive

WHAT THIS WORKFLOW DOES
This workflow facilitates automated AI-driven image creation using Fal Flux's API, converting user-defined text prompts into unique images. It orchestrates input collection, image generation requests, status polling, image retrieval, and storing images on Google Drive, streamlining creative asset production.
This automation significantly accelerates content generation cycles for creative and marketing teams, reduces manual intervention, and ensures reliable storage and traceability of generated images.
End users benefit from a simple interface to define parameters and obtain high-quality AI images automatically saved in a centralized repository, enhancing creative workflows and boosting productivity.

Generate 9_16 Images from Content and Brand Guidelines

WHAT THIS WORKFLOW DOES
This workflow automates the generation of vertical 9:16 aspect ratio images based on blog/SEO content and brand guidelines retrieved from Airtable. Starting with a manual trigger, it gathers relevant branding styles and content data, filters keywords, and generates short-form video scripts paired with tailored image prompts. These prompts are enhanced via Leonardo.ai's prompt improvement API before being submitted to Leonardo.ai's Phoenix 1.0 model for high-quality image generation. Finally, the workflow waits for image completions, fetches URLs, and records the generated assets back into Airtable.

The business impact is a streamlined content creation pipeline that significantly reduces manual effort while improving content relevance, brand alignment, and visual engagement.

For end users, it offers a robust mechanism to create creative video thumbnails and scene images automatically, ensuring faster go-to-market times and higher consistency with brand messaging.

Generate audio from text using OpenAI and Webhook _ Text to Speech Workflow

WHAT THIS WORKFLOW DOES
This workflow converts text input received via a webhook into a spoken audio file using OpenAI's text-to-speech capabilities with the fablevoice. The audio output is then returned directly in the webhook response as a binary file.
It automates the text-to-audio creation process, enabling fast generation of high-quality audio content without manual intervention.
End users benefit from immediate audio conversion services embedded in applications or services, improving content accessibility and engagement through dynamic voice output.

Generate SEO Seed Keywords Using AI

WHAT THIS WORKFLOW DOES
This workflow automates the creation of SEO seed keywords tailored to a defined Ideal Customer Profile (ICP) using AI. By analyzing ICP details—such as product, pain points, goals, and expertise—the AI generates 15-20 strategic seed keywords designed to drive targeted organic traffic.

The workflow improves SEO content planning efficiency, reducing manual research time and increasing keyword relevancy. This directly supports stronger organic reach, higher engagement, and better-aligned marketing campaigns.

End users benefit from a streamlined, data-driven approach that translates detailed customer insights into actionable SEO keywords, easing decision-making for content strategies.

Generate Text-to-Speech Using Elevenlabs via API

WHAT THIS WORKFLOW DOES
This workflow provides a webhook API endpoint to convert user-supplied text into natural-sounding speech audio using Elevenlabs' text-to-speech service. It validates input parameters (voice_id and text), calls the Elevenlabs API securely, and returns the generated audio as a binary response.

By automating voice generation, it accelerates content creation cycles, enabling dynamic audio production for podcasts, videos, accessibility, and more without manual voiceover work.

End users gain simplified, real-time text-to-speech conversion with trustworthy parameter validation and error messaging for robust API integration.

Hacker News to Video Content

WHAT THIS WORKFLOW DOES
This workflow automates the entire video content creation process starting from fetching the latest Hacker News articles, filtering relevant AI and automation topics, summarizing content, generating compelling visual imagery, and assembling these into polished, dynamic video presentations. The final videos are then distributed automatically across multiple cloud storage and social media platforms.

By automating each step—from content retrieval to multi-platform distribution—this workflow enhances scalability, reduces manual labor, and increases content output consistency. Content teams benefit from faster turnaround times, higher engagement potential through optimized video formats, and consistent branding via controlled creative assets.

Interactive Image Editor with FLUX

WHAT THIS WORKFLOW DOES
This workflow enables interactive image inpainting via a web editor, allowing users to upload or pick images, draw masks, and supply creative prompts. It sends the image, mask, and parameters to the FLUX-Fill API for AI-powered inpainting, polls the API until the result is ready, then returns the edited image response so users can see their transformed images immediately.

Business-wise, it automates complex image editing tasks—dramatically reducing manual effort and time while boosting content creativity and customization. It improves end-user experience by providing a smooth, responsive interface tightly integrated with backend AI services for rapid creative iterations.

Benefits include streamlined image editing workflows, enhanced creative control, robust automation reducing errors/delays, and scalable AI-driven content production.

mage Creation with OpenAI and Telegram Workflow Components

WHAT THIS WORKFLOW DOES
This workflow captures incoming Telegram messages (text, images, or voice), processes them through OpenAI's image resource to extract or generate enhanced image-related content, merges and aggregates all output (text, images, binaries), and sends the results back via Telegram.
It enables seamless, AI-powered real-time interaction on Telegram by transforming raw user inputs into meaningful, AI-processed images or text responses.
The workflow automates content creation and delivery, improving response quality, user engagement, and operational efficiency in content communication.

Monthly Spotify Track Archiving and Playlist Classification

WHAT THIS WORKFLOW DOES
This workflow automates the monthly archiving of a user's Spotify tracks by fetching their currently saved tracks and playlists, extracting detailed track and audio feature information, and classifying each track into appropriate playlists using AI. It logs all relevant data into Google Sheets for historical tracking and adds the tracks to playlists according to AI classifications.

The business impact includes streamlined music archive management, enhanced playlist curation through AI-driven classification, and maintaining a detailed, searchable history of listening habits without manual effort.

End users benefit from automatic, up-to-date music collection organization, helping them discover and enjoy their music more efficiently while enabling data-driven insights for personal or professional music management.

Narrating over a Video using Multimodal AI Workflow Make OpenAI Citation for File Retrieval RAG

WHAT THIS WORKFLOW DOES
This workflow downloads a video, extracts evenly distributed frames, and processes these frames in batches through a multimodal large language model (LLM) to generate a cohesive narrated script in the style of David Attenborough. It then uses Text-to-Speech (TTS) capabilities to create a voiceover audio clip for the video and uploads the resulting audio file to Google Drive.

The automation seamlessly combines computer vision frame extraction, batch AI processing for script generation, and audio synthesis, providing a fast, scalable method to generate high-quality narrated voiceovers from videos.

This results in enhanced content creation speed, reduced manual scripting effort, and a professional narration quality, improving engagement and creative storytelling for multimedia use cases.

Obsidian Notes Read Aloud using AI_Available as a Podcast Feed

WHAT THIS WORKFLOW DOES
This workflow transforms notes sent from Obsidian into audio episodes and publishes them as a podcast feed. It automates the process of receiving note content, generating high-quality text-to-speech audio, storing it in the cloud, then compiling and distributing an RSS podcast feed.
This results in seamless content repurposing from text notes to easily consumable audio podcasts, expanding content reach and engagement effortlessly.
End users benefit from instant audio versions of their notes accessible from podcast platforms, while content operations save time and reduce manual conversion tasks.

Perplexity Research to HTML_AI-Powered Content Creation

WHAT THIS WORKFLOW DOES
This workflow automates the generation of high-quality, well-structured articles from a user-provided research topic using AI-powered research and natural language processing. It receives a topic via webhook, refines the prompt, obtains detailed research via Perplexity, structures the content into an article (including metadata and hashtags), converts it into a fully styled, responsive HTML page using Tailwind CSS, and returns the HTML along with updates via Telegram.

The business impact includes drastically reducing manual research and content creation time, increasing content output quality, and speeding up delivery of publish-ready web pages. End users and content teams benefit from consistent, engaging articles formatted for immediate web use with minimal manual intervention.

Receive Daily Market News from FT.com to your Microsoft outlook inbox

WHAT THIS WORKFLOW DOES
This workflow automates the daily process of collecting, summarizing, and delivering key financial news from FT.com directly to a user's Microsoft Outlook inbox every morning at 7:00 AM. It fetches the latest market headlines and curated news sections, combines them, then leverages AI (Google Gemini Chat Model) to generate a concise, investor-focused HTML email summary.

The business impact is streamlined content delivery ensuring timely and actionable market insights, boosting user engagement and decision-making efficiency. End users receive a well-structured digest without manual research, accelerating their access to critical financial updates.

DATA_EXTRACTION

Hacker News Job Listing Scraper and Parser

WHAT THIS WORKFLOW DOES
This workflow scrapes the monthly Ask HN: Who is hiring?posts from Hacker News using Algolia's Search API, filters for recent posts (last 30 days), fetches detailed post content and comments from Hacker News API, cleans and normalizes the raw text data, and uses OpenAI GPT-4o-mini to transform this unstructured text into a precise, structured JSON format matching a predefined job posting schema. Finally, the structured job listings are saved into an Airtable base for easy management and review.

Business Impact: Automates the collection and structuring of the latest Hacker News job postings, drastically reducing manual effort and ensuring up-to-date, high-quality data. This enables recruiters, researchers, or job seekers to quickly query and analyze job market trends or opportunities from a trusted developer community.

Benefits:

- Automates complex multi-API interactions with robust filtering
- Ensures data cleanliness and structural normalization via best-practice AI extraction
- Scalable to processing many posts and job comments efficiently
- Easy integration with Airtable for accessible downstream use

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Notion to Pinecone Vector Store Integration

WHAT THIS WORKFLOW DOES
This workflow automatically detects new pages added to a Notion database, retrieves their textual content while filtering irrelevant media blocks, concatenates the extracted text, enriches it with relevant metadata, splits it into manageable token chunks, generates vector embeddings for semantic search, and inserts these embeddings into a Pinecone vector store with 768 dimensions.
It enables seamless creation of a searchable knowledge base from Notion content, accelerating retrieval-augmented generation (RAG) and AI-powered research workflows. End users benefit from automated, timely vectorization of new Notion knowledge, ensuring continuous indexing and rapid semantic search capabilities without manual intervention.

Prepare CSV files with GPT-4Prepare CSV files with GPT-4

WHAT THIS WORKFLOW DOES
This workflow automates the generation and processing of mock user data into multiple CSV files. It uses GPT-4 to create 3 sets of 10 random users each, with specific user details formatted as JSON. The workflow transforms the JSON into structured CSV files, cleans encoding issues, converts data into binary, and saves the files locally.

Business impact includes reliable automatic mock data generation for testing, demos, or content seeding. It accelerates CSV file preparation without manual data entry, ensuring data consistency and file format correctness.

End users gain a seamless, scalable way to generate customizable user mock data sets, ready for import, analysis, or integration with other systems, reducing manual workload and error rates.

DOCUMENT_PROCESSING

Ask questions about a PDF using AI

WHAT THIS WORKFLOW DOES
This workflow transforms a PDF document stored in Google Drive into an interactive AI-powered Q&A system. It downloads the document, splits its text into meaningful chunks, generates semantic embeddings for these chunks, and stores them efficiently in a

Pinecone vector database. When users ask questions, their queries are embedded and matched against stored chunks to retrieve the best context. The AI then generates accurate, context-aware answers in real time.

The business impact is substantial: it automates knowledge extraction and retrieval from unstructured documents, drastically reducing manual search time and improving decision-making speed. End users benefit from a smooth chat experience that provides precise answers grounded in original document content, enhancing operational efficiency and customer satisfaction.

Breakdown Documents into Study Notes using Templating MistralAI and Qdrant

WHAT THIS WORKFLOW DOES
This workflow automates document ingestion, content extraction, and AI-driven note generation from various file types (PDF, DOCX, TEXT).
It monitors a designated folder for new documents, extracts their text, summarizes content, creates vector embeddings stored in Qdrant, and uses AI templates (Study Guide, Timeline, Briefing Doc) to generate rich, structured study notes in markdown format.
This results in faster knowledge absorption, consistent note quality, and improved retrieval with vector search, benefiting researchers, students, and knowledge workers by reducing manual note-taking overhead and enhancing document value.

Build a Financial Documents Assistant using Qdrant and Mistral.ai

WHAT THIS WORKFLOW DOES
This workflow monitors a specified folder for file changes—adds, modifications, or deletions—and synchronizes these files as embedding vectors in a Qdrant vector store using Mistral.ai's embedding model. It creates a persistent AI-powered assistant capable of answering user questions on historic bank statements by leveraging stored document vectors. The workflow ensures that vector representations remain up to date with local files, deleting outdated entries and inserting new ones accordingly.

This automation enables efficient handling and retrieval of financial document knowledge, reducing manual search time and improving accuracy of information extraction. End users benefit from a responsive AI assistant that understands their bank statements in-context and can answer queries intelligently, streamlining document analysis workflows.

CV Resume PDF Parsing with Multimodal Vision AI

WHAT THIS WORKFLOW DOES
This workflow automates the evaluation of candidate resumes submitted as PDFs by converting them into images, enabling a multimodal AI model (Google Gemini Chat) to analyze the content visually rather than relying solely on text extraction. The AI assesses whether the candidate is qualified for a Plumber role and if they should proceed to an in-person interview.

The business impact is significant, as it reduces bias or manipulation attempts (e.g., hidden prompts in resumes), improves resume parsing accuracy especially for complex layouts, and speeds up candidate screening by automating qualification decisions. End users benefit from increased reliability in candidate assessment, reduced manual workload, and higher throughput in recruitment pipelines.

CV Screening with OpenAI

WHAT THIS WORKFLOW DOES
This workflow automates the initial screening of candidate resumes by downloading CV PDFs from a direct URL, extracting the textual content, and analyzing it against a detailed job description using OpenAI's GPT-4o-mini model. It produces a structured evaluation comprising a matching percentage, a concise summary, and reasons why the candidate is suitable or not suitable for the role. This enables recruiters and HR professionals to streamline candidate assessment at scale, reducing manual effort and increasing screening accuracy.

The business impact is significant: faster resume processing, consistent evaluations based on defined job requirements, and improved hiring decisions. End users gain quick access to critical insights about candidate fit while maintaining auditability and traceability of decisions.

Extract text from PDF and image using Vertex AI (Gemini) into CSV

WHAT THIS WORKFLOW DOES
This workflow automates the extraction of transaction data from PDFs and images uploaded to a monitored Google Drive folder. It intelligently routes files by type, extracts text using native PDF tools or Google's Vertex AI (Gemini) for images, and transforms the raw data into structured CSV files enriched with categorized transactions. Processed CSVs are then uploaded back to Google Drive for easy access.

By fully automating input data ingestion, text extraction, AI-powered data structuring, and output file management this workflow drastically reduces manual effort, improves data accuracy, and accelerates financial document processing. It benefits end users by delivering fast, clean CSV transaction data ready for reporting and analysis—eliminating human errors and repeated manual work.

Make OpenAI Citation for File Retrieval RAG Workflow Make OpenAI Citation for File Retrieval RAG

WHAT THIS WORKFLOW DOES
This workflow automates the retrieval of file contents and their accurate citations using an OpenAI-powered assistant integrated with a vector store. It aggregates user queries from a chat interface, searches indexed documents for relevant information, extracts citations,

links file metadata, and formats the output into clear, Markdown-ready citation references or optionally HTML.

The expected business impact is a streamlined, accurate, and automated citation generation process in research and document management environments, reducing manual work and improving data traceability. End users gain faster, precise document retrieval with professionally formatted citations, enhancing knowledge workflows and reducing errors.

Manipulate PDF with Adobe developer API Workflow Make OpenAI Citation for File Retrieval RAG

WHAT THIS WORKFLOW DOES
This workflow automates the retrieval, processing, and structured extraction of citation data from PDF documents using Adobe PDF Services API and OpenAI. It downloads PDF files, uploads them to Adobe's API for content extraction (including text and tables), then applies an AI model to extract and format citation details like invoice numbers, dates, supplier info, and pricing. The extracted data is then formatted for easy integration (Markdown/HTML) and appended to Google Sheets for record-keeping or further automation.

Business impact:

- Significantly reduces manual effort in processing PDF invoices/citations
- Improves data accuracy and consistency through AI-driven extraction
- Accelerates document handling workflows, enabling near real-time data availability
- Supports scalable, repeatable processes with clear traceability and error management

Benefits for end users:

- Faster invoice reconciliation and citation tracking
- Automatic formatting reduces human error and time spent on manual data entry
- Integration with Google Sheets enables seamless data aggregation and monitoring

Parse PDF with LlamaParse and save to Airtable Workflow Parse PDF with LlamaParse and save to Airtable

WHAT THIS WORKFLOW DOES
This workflow automates detecting new invoice PDFs in a dedicated Google Drive folder, uploading them to LlamaParse for line item extraction, then processing and storing structured invoice and line item data into Airtable.
It combines real-time file monitoring with AI-powered parsing to minimize manual data

entry, speed up invoice processing, and improve data accuracy.
End users benefit from immediate invoice ingestion, accurate line item extraction, and centralized records enabling faster auditing, reporting, and payment workflows.

EMAIL_AUTOMATION

A Very Simple *Human in the Loop* Email Response System Using AI and IMAP

WHAT THIS WORKFLOW DOES
This workflow automates email handling by monitoring an inbox via IMAP, converting incoming emails from HTML to Markdown for AI understanding, summarizing the email content concisely, drafting a professional reply limited to 100 words, and routing the draft for human approval before finally sending the reply.
The system streamlines email response workflows, reduces human workload, ensures consistent professional tone, and accelerates response times.
End users benefit from faster, high-quality email replies with a seamless human review layer, enhancing accuracy and preventing inappropriate automated replies.

Analyze & Sort Suspicious Email Contents with ChatGPT

WHAT THIS WORKFLOW DOES
This workflow automates the detection and categorization of suspicious emails, specifically phishing attempts, by analyzing email contents and headers using AI. Incoming emails from Gmail are processed—converted from HTML to Markdown, their headers extracted and formatted, and then analyzed using AI models (DeepSeek R1, GPT-4o-mini). Based on the AI's assessment, the workflow automatically creates Jira tickets labeled as potentially malicious or benign and attaches relevant screenshots and text files for thorough documentation.

Business impact: It dramatically reduces manual effort in identifying phishing threats, accelerates security incident reporting, and enhances email security posture. It also improves response times for security teams, minimizes risks, and maintains compliance with rigorous email monitoring standards.

For the end user, the workflow enables prompt identification and handling of phishing emails, minimizing exposure to threats and improving overall email hygiene. For email operations, it ensures high quality, traceable, and efficient automated email threat management.

Analyze Suspicious Email Contents with ChatGPT Vision

WHAT THIS WORKFLOW DOES
This workflow monitors incoming emails in Gmail (with optional Outlook support), extracts and organizes their content and headers, generates a visual screenshot of each email, and then leverages GPT-4 to detect phishing attempts by analyzing the email body, headers, and screenshot. If suspicious, it automatically creates detailed Jira tickets including the analysis and screenshot for security teams to review.

Business impact: It automates and accelerates phishing email detection, reducing manual investigation time and improving timely threat response. It increases security operations efficiency, reducing risk of breaches from phishing.

Benefits: Email operations teams get fast, AI-powered, consistent phishing assessments with visual context. Automated ticketing centralizes incident management and traceability while minimizing false positives.

Auto Categorise Outlook Emails with AI

WHAT THIS WORKFLOW DOES
This workflow automatically processes and categorizes incoming Outlook emails using an AI model. It filters for uncategorized and unflagged emails, sanitizes their content by converting HTML email bodies to clean Markdown/plain text, then uses AI to classify each email into predefined categories such as action, junk, receipt, SaaS, community, business, or other. Based on the AI's classification, the workflow updates the email's categories metadata and moves emails into designated folders accordingly. This improves email inbox management by prioritizing actionable emails, filtering junk, and organizing receipts and business communications.

Expected business impact includes higher productivity through automated email triage, improved email response rates by focusing on actionable content, reduced clutter from junk emails, and enhanced tracking and reporting on email types. For end users, this means a cleaner inbox, less manual sorting, and quicker identification of key emails.

Auto-label incoming Gmail messages with AI nodes

WHAT THIS WORKFLOW DOES
This workflow automatically categorizes and labels incoming Gmail messages based on their content using AI. When a new email arrives, it fetches the full content, sends it through a language model to identify relevant labels (e.g., Partnership, Inquiry, Notification), validates the AI's output, and applies the matched Gmail labels to the message.

The business impact is improved email organization without manual intervention, resulting in faster email triage, better response prioritization, and enhanced team productivity. It also ensures consistently applied labeling, reducing human error and enabling smarter automation strategies downstream.

For email operations, it streamlines inbox management, boosts engagement by routing emails correctly, and improves deliverability signals by reducing misclassified emails.

Effortless Email Management with AI-Powered Summarization & Review

WHAT THIS WORKFLOW DOES
This workflow automates the end-to-end handling of incoming emails by monitoring an IMAP inbox, converting emails to Markdown for clarity, summarizing content concisely, and

generating professional reply drafts enriched through company knowledge from a vector database. It routes these drafts for human review, applies classifier-based approval checks, incorporates human feedback to refine replies, and finally sends out polished response emails automatically.

The business impact includes drastically reduced email handling time, improved consistency and professionalism in replies, enhanced engagement through personalized and context-aware emails, and higher deliverability via human-in-the-loop quality control. It benefits end users by streamlining email workflows, reducing manual effort, and ensuring clear, compliant communication.

Microsoft Outlook AI Email Assistant with contact support from Monday and Airtable

WHAT THIS WORKFLOW DOES
This workflow automates the processing and categorization of incoming emails in Microsoft Outlook. It fetches relevant emails, sanitizes their content, and invokes AI to determine the correct business category and priority. Contact data from Monday.com and Airtable enrich the context to improve classification accuracy. The workflow updates Outlook emails with categories and importance flags, and triggers CRM updates and Slack notifications for timely actions.

This automation significantly enhances email management by reducing manual sorting, prioritizing actionable emails, and integrating deeply with CRM systems. It improves email throughput, accelerates response times, and enables more focused business communication management.

For end users, it delivers cleaner inbox organization, faster response prioritization, and integrated contact insights. For email operations, it ensures better email lifecycle handling, reduces human error, and drives measurable improvements in email engagement and business results.

Modular & Customizable AI-Powered Email Routing_Text Classifier for eCommerce

WHAT THIS WORKFLOW DOES
This workflow automatically processes contact form submissions for eCommerce customer support by classifying the incoming message into defined categories (Request Quote,Product info,General problem,Order,or Other). Based on classification, it routes the submissions via email to the appropriate department and logs data into Google Sheets for tracking.
It streamlines support triage, reduces manual processing time, and improves response accuracy by automatically directing queries to the right teams.

Expected business impact: Increases lead responsiveness and customer satisfaction by ensuring correct routing and faster handling. Also, it enriches database records for future analytics and engagement scoring.

Benefits:

- Automated smart classification with fallback to handle unknown queries
- Accurate email routing that enhances deliverability and relevance
- Reliable logging that aids performance monitoring and auditing
- Scalable setup, easy to customize categories, email templates, and data sources

RESEARCH_ANALYSIS

Actioning Your Meeting Next Steps using Transcripts and AI

WHAT THIS WORKFLOW DOES
This workflow automates the retrieval and analysis of Google Meet meeting transcripts to generate actionable insights. It extracts the transcript from Google Drive, summarizes key points, attendee contributions, and next steps using AI, and optionally automates follow-up actions such as scheduling meetings and inviting attendees.
This streamlines manual meeting review, accelerates decision-making, and ensures key outcomes and commitments are tracked without human delay or oversight.
For end users, it reduces time spent on post-meeting tasks and increases clarity and accountability for follow-ups, improving overall meeting effectiveness and operational research.

AI web researcher for sales Workflow Breakdown

WHAT THIS WORKFLOW DOES
This workflow performs automated company research for sales intelligence by combining AI-driven web data extraction and structured data enrichment. Starting from a company input, it leverages AI agents and web scraping tools (SerpAPI and HTTP request sub-workflows) to find key company attributes such as domain, LinkedIn URL, market type (B2B/B2C), pricing plans, API availability, free trial offerings, integrations, and case studies. Results are parsed, structured, and updated into Google Sheets for seamless team collaboration and insight exploitation.

The business impact lies in dramatically speeding up sales research, reducing manual data gathering and verification effort, while improving data quality and operational scalability. This enables sales operations teams to focus on strategy rather than data mining.

End users benefit from automated, accurate, and up-to-date company profiles with actionable insights delivered into their existing CRM or spreadsheet workflows, enhancing prospect targeting and engagement precision.

AI Youtube Trend Finder Based On Niche

WHAT THIS WORKFLOW DOES
This workflow receives voice input from users, transcribes it to text, maintains conversation context, and uses AI to analyze recent YouTube video trends based on a user-specified niche. It queries YouTube for relevant trending videos, extracts key metadata, aggregates insights on content patterns, and delivers voice responses summarizing trending topics with data-backed evidence.

The business impact includes accelerating niche-specific content research by automating trend discovery and synthesis, saving creators time while providing actionable, data-driven insights that improve content planning and engagement strategies.

End users benefit from a seamless voice interface delivering deep, concise trend analysis with supporting video metrics, improving decision-making without manual research effort.

AI_ Ask questions about any data source

WHAT THIS WORKFLOW DOES
This workflow facilitates asking natural language questions about data returned from a dedicated subworkflow. By combining question prompting, dynamic data retrieval from the subworkflow, and an integrated Retrieval QA Chain with OpenAI Chat Model, it provides precise and context-aware answers based on the fetched data.

The business impact lies in automating and scaling research and analysis tasks where data resides in specialized workflows, enabling faster, accurate Q&A without manual data aggregation or coding.

End users benefit from a modular, maintainable system that easily adapts to different data sources and questions, improving research efficiency, reducing time-to-insight, and enhancing data-driven decision-making.

AI_ Summarize podcast episode and enhance using Wikipedia

WHAT THIS WORKFLOW DOES
This workflow automates the process of summarizing a podcast episode transcript, extracting key topics and questions, enriching these topics with researched background information (notably from Wikipedia), structuring the output in a standardized JSON schema, formatting the content for digest delivery, and emailing a polished research digest to end users.

By integrating LLM-based summarization, topic extraction, context-aware research enrichment, and automated formatting, the workflow significantly reduces manual efforts in podcast content analysis, enabling faster insight generation, enhanced research quality, and effective knowledge dissemination through email digests.

End users benefit from concise, well-organized summaries and insightful contextual information, facilitating deeper understanding and efficient knowledge absorption without needing to consume lengthy transcripts.

AI-Powered YouTube Video Summarization & Analysis

WHAT THIS WORKFLOW DOES
This workflow takes a YouTube URL from a POST request, extracts the video ID, fetches the video details and transcript, summarizes and analyzes the transcript text using a language model, then responds with a structured summary alongside video metadata.
It automates the research-intensive task of extracting, consolidating, and understanding YouTube video content, greatly accelerating knowledge gathering and content curation.
End users benefit from fast, accurate, markdown-formatted analyses and summaries delivered via webhook and Telegram notifications, enhancing content discovery and research productivity.

Analyse papers from Hugging Face with AI and store them in Notion text

WHAT THIS WORKFLOW DOES
This automated workflow fetches recently published academic papers from Hugging Face, extracts their metadata and abstracts, summarizes the abstracts using an advanced AI model (GPT-4), and stores the structured summaries in a Notion database. It ensures no duplicates by checking Notion before processing newly found papers.
The workflow greatly accelerates academic research operations by automating repetitive data collection and in-depth abstract analysis, allowing researchers to focus on insights rather than data gathering. It delivers reliable, detailed, and structured research summaries for easier knowledge management and discovery.

Analyze feedback and send a message on Mattermost Nodes and Functionality

WHAT THIS WORKFLOW DOES
This workflow automates the process of capturing user feedback from a Typeform form, analyzing the sentiment of the feedback text using Google Cloud Natural Language, and conditionally sending notifications to a Mattermost channel based on sentiment score thresholds.
It streamlines feedback monitoring by automatically highlighting significant positive or negative inputs, reducing manual review effort, and enabling timely team reactions.

Business Impact:
Accelerates feedback analysis, improving responsiveness and team awareness. Automating sentiment-triggered alerts minimizes oversight risks, enhances customer sentiment tracking, and supports data-driven decision-making.

Benefits:

- Eliminates manual feedback scanning

- Enables proactive issue resolution and celebration of positive feedback
- Provides structured, context-rich notifications with sentiment context
- Facilitates scalable feedback research operations

Analyze feedback using AWS Comprehend and send it to a Mattermost channel

WHAT THIS WORKFLOW DOES
This workflow automates the analysis of attendee feedback submitted via Typeform by leveraging AWS Comprehend's sentiment detection capabilities. It identifies negative sentiments in the feedback and routes alerts to a Mattermost channel for rapid response. By streamlining sentiment detection and real-time notification, it enhances research efficiency through automated classification and escalates critical insights.
End users benefit from timely awareness of negative feedback, enabling faster corrective actions and improved event quality management.

Analyze tradingview.com charts with Chrome extension, N8N and OpenAI

WHAT THIS WORKFLOW DOES
This workflow receives a financial chart image (base64) from a Chrome extension, sends it to OpenAI's GPT-4o-mini model for advanced technical analysis using key financial indicators, and returns a simple, easy-to-understand report tailored for novice traders. It delivers rapid insights on expected market movements and includes warnings that the analysis is non-binding.

The business impact is substantial: it automates expert-level chart interpretation, reducing the need for manual analysis, accelerating decision-making, and democratizing financial insights for users with limited trading experience.

End users benefit by receiving quick, accurate, and clear technical analyses directly within their browser context, enhancing research efficiency and enabling better-informed trading strategies.

Automated Hugging Face Paper Summary Fetching & Categorization Workflow

WHAT THIS WORKFLOW DOES
This workflow automates anomaly detection for crop images by embedding input images and comparing them against a curated dataset of known crop types stored as vectors in a Qdrant collection. It determines if the input image matches a crop class or represents a new anomaly.

By automating the comparison of image embeddings with medoid clusters and threshold scores, it reduces manual image verification workload and speeds up identifying novel or unexpected crops. This dramatically improves research throughput and reliability in agricultural data analysis.

End users gain a fast, scalable, and adaptive solution to flag anomalous crop images, enabling timely intervention and better dataset maintenance.

Daily meetings summarization with Gemini AI

WHAT THIS WORKFLOW DOES
This workflow automates the daily retrieval, summarization, and distribution of calendar events (meetings) for the current day from a specified Google Calendar account. It uses Google Gemini Flash AI to generate concise but detailed meeting summaries including attendees and timings, then delivers these summaries to a Slack channel automatically at 9:00 AM every day.

The business impact includes dramatically reducing manual effort spent on reviewing and reporting daily meetings, improving meeting insights accessibility, and enabling teams to stay better informed with minimal delay. For the end user and research operations, it ensures timely, accurate, and automated communication of meeting outcomes, driving productivity and decision-making speed.

Daily Podcast Summary

WHAT THIS WORKFLOW DOES
This workflow automates the daily gathering and summarization of top podcast episodes from a specified genre (e.g., TECHNOLOGY). It fetches the top podcasts via Taddy's API, downloads and crops their audio, transcribes the audio using OpenAI Whisper, generates concise, high-quality summaries with GPT-4o-mini, formats the results into an HTML email, and sends it to the user.

This automation drastically improves research and content curation efficiency by eliminating manual podcast search, transcription, and summarization, allowing users to receive ready-to-read podcast reviews daily. It assists researchers, content creators, and enthusiasts in staying updated with minimal effort.

The user benefits from timely, consistent, and insightful podcast summaries presented in a professional format, enhancing knowledge acquisition and decision-making speed.

Detect hallucinations using specialised Ollama model bespoke-minicheck

WHAT THIS WORKFLOW DOES
This workflow processes scientific or technical texts by splitting them into sentences and evaluating the factual accuracy of each claim using a specialized Ollama model (bespoke-minicheck). It detects hallucinations and incorrect statements by analyzing claims against a trusted knowledge base or source document. The results are aggregated into a clear summary of identified factual errors, facilitating rigorous fact-checking.

The business impact is significant for research and content teams, as it automates a labor-intensive step of validating factual correctness at sentence-level granularity. It reduces

human error, accelerates editorial feedback loops, and improves trustworthiness of published materials.

For end users, this means faster verification of content, clear identification of problematic claims, and an early warning system for misinformation or hallucinated AI content. It supports scalable quality assurance in research workflows.

Extract insights & analyse YouTube comments via AI Agent chat

WHAT THIS WORKFLOW DOES
This workflow serves as an intelligent YouTube assistant that processes user chat commands to fetch and analyze YouTube data such as channel details, video descriptions, video lists, comments, video transcriptions, and thumbnail images. It dynamically routes requests to specialized API tools, extracts and synthesizes insights through AI agents, and maintains conversational context with chat memory.

The business impact includes a significant reduction in manual research labor and increased accuracy in extracting actionable insights from YouTube data, enabling content creators and marketers to optimize content strategy efficiently.

End users benefit from fast, automated, and contextual analysis of YouTube content and audience feedback, improving content relevance and engagement strategies with minimal technical overhead.

Hacker News Throwback Machine - See What Was Hot on This Day, Every Year!

WHAT THIS WORKFLOW DOES
This workflow automates the gathering and historical analysis of Hacker News front-page headlines for the same calendar day across multiple years. It leverages scheduled triggers to generate relevant dates, fetches corresponding headlines from Hacker News, extracts and aggregates the data, and utilises AI to categorize trends and format the insights into a digestible Markdown report sent via Telegram.

Business impact: This drastically improves research productivity by automating time-consuming data collection and analysis, ensuring consistent and timely insights into tech news evolution. It delivers high-value contextual historical snapshots enabling strategic content creation, trend analysis, and competitive intelligence.

Benefits: End users save time on manual data gathering; researchers and analysts gain structured, categorized insights with source traceability; teams get automated reports in Telegram, streamlining knowledge dissemination.

Host Your Own AI Deep Research Agent with n8n, Apify and OpenAI o3

WHAT THIS WORKFLOW DOES
This workflow automates deep research tasks by taking a user's research query and

parameters, recursively generating and refining search queries using AI, scraping web results, extracting key learnings from the content, and compiling a comprehensive research report. It integrates with Apify for web scraping and OpenAI's language models for intelligent query generation, learning extraction, and report writing. Final insights are stored seamlessly into Notion.

This automation greatly improves research efficiency by handling complex, multi-iteration research tasks in minutes, which would otherwise require hours of manual effort. It empowers researchers to generate broad and deep insights while ensuring consistency, scalability, and thoroughness.

End users benefit from a professionally structured research process, customizable depth and breadth control, and an integration-ready final report that facilitates faster decision-making and knowledge acquisition.

Introduction to the HTTP Tool Workflow Intelligent Web Query and Semantic Re-Ranking Flow

WHAT THIS WORKFLOW DOES
This workflow automates intelligent web queries by generating refined search queries from user inputs, fetching relevant web content, and re-ranking these search results semantically. It produces a structured, top-ranked response that highlights the most pertinent information for research questions.

Its business impact is significant: it streamlines research by reducing manual search effort, improves accuracy of retrieved information via AI-powered query refinement and semantic re-ranking, and delivers output in consistent JSON for easy integration. This boosts automated research efficiency, insight quality, and operational agility for users requiring rapid, relevant web-based information retrieval.

End users benefit from faster, more precise answers from web data, improving decision-making and reducing time spent filtering irrelevant search results.

KB Tool - Confluence Knowledge Base Workflow Confluence Knowledge Base Query for IT Support

WHAT THIS WORKFLOW DOES
This workflow receives a user search query from a parent workflow (e.g., from Slack) and performs a targeted search against a Confluence knowledge base using the query. It retrieves the most relevant article's key information—title, URL, and a content excerpt—and returns it formatted to the parent workflow for enhanced IT support automation. By automating query handling and knowledge retrieval from Confluence, it streamlines IT support responses, reduces manual lookup time, and increases resolution quality. End users receive fast, accurate, and actionable answers backed by searchable knowledge base content.

Learn Anything from HN -Get Top Resource Recommendations from Hacker News

WHAT THIS WORKFLOW DOES
This workflow automates research on learning topics by extracting relevant resource recommendations from HackerNews comments tagged ask_hn.Starting with a user-submitted learning topic and email, it fetches related HackerNews posts and comments, aggregates the insights, and uses AI models to identify and categorize top learning resources. Finally, it delivers the curated, categorized resource list via email to the user.

The business impact includes significantly speeding up knowledge gathering from community-sourced content, improving research accuracy by leveraging sentiment and content filtering, and automating personalized learning resource delivery. For users and research operations, it ensures timely, trustworthy, and easily digestible educational recommendations without manual curation.

Notion knowledge base AI assistant Workflow Notion Knowledge Base Assistant

WHAT THIS WORKFLOW DOES
This workflow enables a user to interactively query a specific Notion database via natural language chat. It extracts the Notion database ID and schema from a URL provided by the user, then configures an AI assistant to search, retrieve, summarize, and present knowledge base records from that database in a concise, accurate manner.
The workflow automates the generation of a tailored n8n workflow template configured to efficiently query and interact with the specified Notion database, thus streamlining research and knowledge retrieval.

This increases research efficiency by automating data extraction from Notion, maintaining conversational context, optimizing search precision, and delivering concise user-focused summaries with direct links to source data. End users benefit from AI-augmented knowledge discovery without manual search or navigation overhead.

Open Deep Research - AI-Powered Autonomous Research Workflow

WHAT THIS WORKFLOW DOES
This workflow autonomously transforms a user’s research question into multiple refined search queries, performs web searches using SerpAPI, analyzes results via Jina AI, extracts relevant contextual information with LLMs, and synthesizes a detailed Markdown-formatted research report.
It improves research efficiency by automating complex, multi-step information retrieval and analysis, reducing manual effort and accelerating insight generation.
End users benefit from comprehensive, accurate, and well-structured research outputs, enabling faster and deeper understanding of complex topics.

Prompt-based Object Detection with Gemini 2.0

WHAT THIS WORKFLOW DOES
This workflow automates prompt-based object detection on images using Google Gemini 2.0's multimodal capabilities. It downloads an image, fetches its dimensions, sends a targeted detection prompt (e.g., detect all rabbits), receives bounding box coordinates normalized in a 0-1000 scale, rescales these to the original image dimensions, and finally draws bounding boxes on the image.

Business impact: It enables highly contextual, flexible object detection tailored by natural language prompts, improving the efficiency and depth of image analysis with precise localization. This accelerates research workflows in visual content analysis, contextual search, anomaly detection, and quality control.

End users benefit from minimal manual filtering post detection, greater semantic understanding of image content, and a streamlined, traceable pipeline for multimodal research workflows with error handling and performance observability.

SOCIAL_MEDIA

Create dynamic Twitter profile banner

WHAT THIS WORKFLOW DOES
This workflow automates the creation of a dynamic Twitter profile banner featuring the latest three followers' profile icons. It fetches recent follower data including high-res avatars, processes images into neat circular thumbnails, composites them onto a preset background, and updates the Twitter profile banner automatically.
By showcasing recent followers visually, it drives engagement and fosters community feel, enhancing social presence and interaction without manual effort. The automation minimizes routine workload and ensures the Twitter profile banner stays fresh and personalized, supporting branding and follower appreciation strategies.

Generate Instagram Content from Top Trends with AI Image Generation

WHAT THIS WORKFLOW DOES
This workflow automates the complete pipeline of sourcing trending visual content from Instagram hashtags, analyzing and generating engaging Instagram posts using AI, creating unique AI-generated images, and publishing them automatically on Instagram Business accounts. It integrates multiple API services, databases, and messaging platforms for error tracking and status notifications.

The business impact is high: consistent posting of trendy, highly visual content crafted and optimized by AI attracts and engages followers, drives better reach and interaction rates, and reduces manual effort drastically. It enables scalable content marketing with data-driven creative resonance.

For the end user and social media managers, benefits include:

- Automated discovery of fresh, trending Instagram content.
- AI-powered generation of detailed image descriptions and optimized captions with popular relevant hashtags.
- Unique AI image generation for originality and brand identity customization.
- Seamless publication with real-time monitoring and error notifications in Telegram.
- Data deduplication to avoid posting repetitive content.

OpenAI-powered tweet generator

WHAT THIS WORKFLOW DOES
This workflow generates a concise, engaging tweet that includes a randomly selected hashtag, powered by OpenAI's language model. Each generated tweet is then logged into an Airtable database for tracking and analysis.

The business impact includes automating content creation for Twitter, improving posting frequency without manual effort, increasing audience engagement through diverse hashtag usage, and providing traceable data for performance optimization.

End users benefit from seamless, consistent tweet generation with optimized hashtags, reducing manual workload and enhancing social media presence strategically.

Post New YouTube Videos to X Workflow Post New YouTube Videos to X

WHAT THIS WORKFLOW DOES
This workflow automatically monitors a specified YouTube channel every 30 minutes and detects when a new video is uploaded. Upon detection, it uses an AI model (OpenAI GPT-3.5 Turbo) to generate an engaging, concise tweet about the new video including its title, a brief description, and a direct link. The tweet is then posted to X (formerly Twitter) to promote new content instantly.

Business impact includes automating YouTube video announcements, increasing timely engagement and impressions on X, saving manual posting time, and improving follower interaction through tailored, compelling posts. Users benefit from streamlined social media management and enhanced content reach with minimal effort.

WORKFLOW_AUTOMATION

AI-Powered Candidate Shortlisting Automation for ERPNext

WHAT THIS WORKFLOW DOES
This workflow automates the processing and assessment of job applicants received through ERPNext. It validates applicant data, downloads and converts resumes, checks job

application alignment, utilizes AI to evaluate candidate-job fit, and automatically updates applicant status and notifications based on AI-driven scoring.

The workflow enhances process efficiency by eliminating manual resume screening, improving decision accuracy through AI evaluation, and ensuring reliable, consistent applicant handling. It facilitates faster hiring cycles and better candidate-job matching benefiting recruiters and HR operations.

API Schema Extractor Key Workflow Components

WHAT THIS WORKFLOW DOES
This workflow automates the extraction, analysis, and structured storage of REST API schema information from web documents related to specified services. It runs on a scheduled basis, collects web search results, scrapes webpage contents, uses AI models to classify documents and extract detailed API operations, and finally stores the extracted API schema data into a structured system like Google Sheets or a database.

By automating the extraction and structuring of API documentation, it saves manual research time, reduces errors in identifying API endpoints, and maintains an up-to-date catalog of API operations across various services.

End users and business operations benefit from a centralized, accurate, and searchable repository of API resources, improving developer onboarding, integration speed, and insights into API functionalities.

Ask a human for help when the AI doesn_t know the answer

WHAT THIS WORKFLOW DOES
This workflow automates responses to user chat queries by leveraging an AI agent (GPT-4) that attempts to answer questions contextually. When the AI is uncertain or cannot confidently answer, it triggers a fallback tool that confirms the uncertainty. The system then checks if the user's message includes an email address. If absent, it prompts the user to provide one for follow-up. If present, it alerts human support via Slack so that a real person can assist.

This automation improves efficiency by filtering and escalating uncertain queries automatically, reducing manual triage. It enhances user experience by providing clear next steps and faster human intervention when needed. For business operations, it optimizes support resource allocation and maintains conversational continuity through memory buffering.

Force AI to use a specific output format text

WHAT THIS WORKFLOW DOES
This workflow generates a structured list of the 5 largest U.S. states by area, each accompanied by its 3 largest cities and their populations. It automatically formats the response into a strict JSON schema and attempts to auto-correct the output if formatting

errors occur. The workflow streamlines data extraction from free-text AI responses into machine-parsable output, improving data reliability and downstream automation.

By enforcing structured output and automatic correction, this workflow significantly reduces manual data cleanup and validation. It increases processing efficiency, enables accurate data ingestion into other systems, and ensures consistent high-quality AI-generated datasets for business insights or reporting.

End users benefit from reliable, instantly usable data with minimal manual intervention, enabling faster decision-making and enriched data-driven operations.

Generate SQL queries from schema only - AI-powered

WHAT THIS WORKFLOW DOES
This workflow automates the generation of SQL queries based solely on the database schema, without exposing the actual data to the AI. It extracts the schema from a MySQL database and saves it locally for fast reuse. Then, user chat inputs about the database are combined with the local schema and sent to an AI agent (GPT-4o) instructed to generate relevant SQL queries. The workflow extracts, validates, and conditionally executes these queries, formatting results and merging them with AI responses.
This significantly reduces runtime delays by avoiding repetitive schema reads, increases data security by not sharing data with the AI, and automates accurate SQL generation. End users get quick, context-aware SQL queries and formatted results within a chat interface, improving developer productivity and database accessibility.

lemlist _ *GPT-3* Supercharge your sales workflows Workflow Components

WHAT THIS WORKFLOW DOES
This workflow automates the classification and processing of incoming email replies from leads using AI-powered sentiment analysis. Based on the reply category—such as Interested,Unsubscribe,or Out of Office—it triggers appropriate actions: unsubscribing leads, marking them as interested in Lemlist, creating deals and follow-ups in HubSpot, and sending Slack notifications to inform sales staff. This streamlines lead management, reduces manual workload, and accelerates sales pipeline progression.

The expected business impact includes increased response handling speed, improved lead qualification accuracy, and better task assignment coordination, all contributing to higher sales efficiency and enhanced team collaboration.

End users benefit from timely, context-aware automations that reduce errors, ensure prompt follow-ups, and maintain clean mailing lists, improving overall customer experience.

OpenAI examples_ ChatGPT, DALLE-2,Whisper-1 ⍰ 5-in-1

WHAT THIS WORKFLOW DOES
This workflow demonstrates the use of multiple OpenAI AI models integrated into a single

automation. It retrieves a file from Google Drive, uploads it to OpenAI, creates a custom assistant based on the file, then enables user chat interactions with this assistant. Additional nodes showcase text summarization, translation, audio transcription, image generation, and HTML/SVG code creation.

The workflow boosts process efficiency by automating file-to-assistant setup, enabling informed chat support, and demonstrating multi-model AI usage. It reduces manual intervention, accelerates content processing, and enriches user interaction with AI-generated summaries, translations, and multimedia outputs.

End-users benefit from instant contextual AI responses derived from file contents. Business operations improve through streamlined AI-assisted workflows that integrate content ingestion, analysis, multilingual support, and creative content generation—all centralized in one automated flow.