Portfolio

AI Developer

À Propos de Moi

I am a software engineer passionate about Artificial Intelligence and automation. With experience building AI-powered features, intelligent chatbots, and automation workflows, I enjoy turning complex problems into smart, accessible solutions. Curious, detail-oriented, and always eager to learn, I strive to create impactful digital experiences while continuously developing my skills in software engineering and AI.

Contact

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📍 Tunis,Tunisia

Education

✳ *2019 − 2022 − Mahdia*

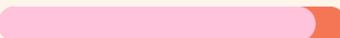## Ibn Sina High School

High School Diploma in Computer Science

✳ *2022 − 2025 − Sousse*

Higher School of Sciences and Technology
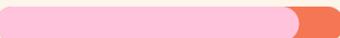
Bachelor's degree in Software Engineering

Language

90 % Anglais   **84 %** French

Skills

Web Developement
%91

AI Developement
87 %

Automation(n8n)
85 %

Backend Developement
%89

Expérience

✳ *02/2025 − 05/2025 − Nabeul*

Development of an AI-powered Dispatch Optimization Feature − L-Mobile

- *Development of an AI chatbot that predicts error codes, required operations, time estimation, and recommends the top 3 technicians.*

✳ *07/2024 − 09/2024 − Sousse*

Summer Internship − Lab-IT

- *Development of an online platform dedicated to bicycles and tours.*

✳ *08/2025 − Present − Online*

AI Developer (n8n automation builder) − Vera Vista Labs

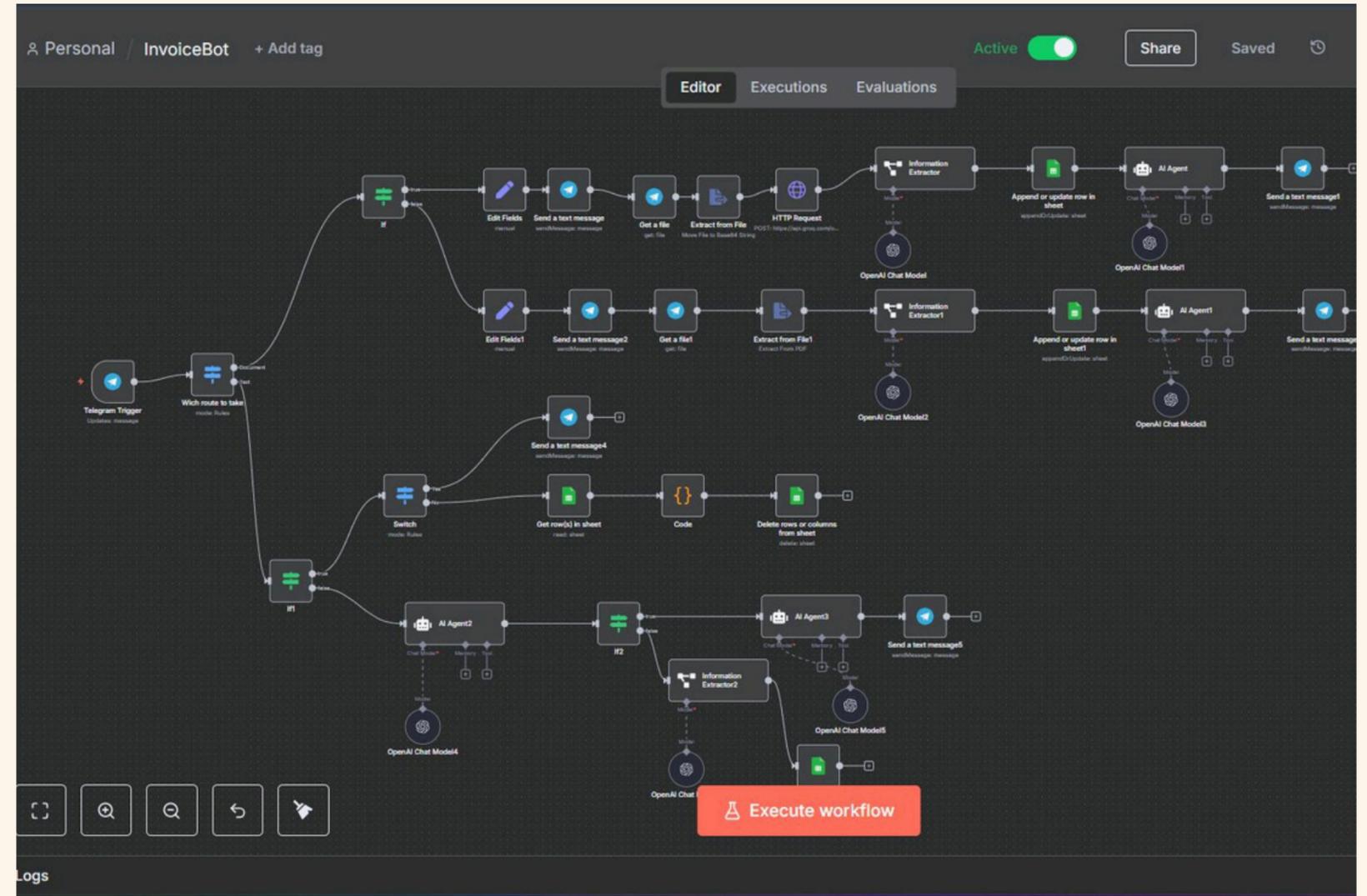- *Design and build automation workflows that connect apps, APIs, and data systems.*

Project 1

AI Invoice Chatbot

I built an AI-powered Invoice Bot using n8n + OpenAI + Telegram. Here's how it works:

📥 Receive invoices directly on Telegram

🤖 Extract key information automatically (invoice number, dates, amounts, vendors…)

📊 Store everything neatly in the database

💬 Send a confirmation back instantly

No more manual copy-paste. No more lost invoices. Just a seamless flow from message → data → insights.

This project reminded us how powerful it is when you combine automation tools with AI. You can literally turn everyday headaches into smooth workflows.
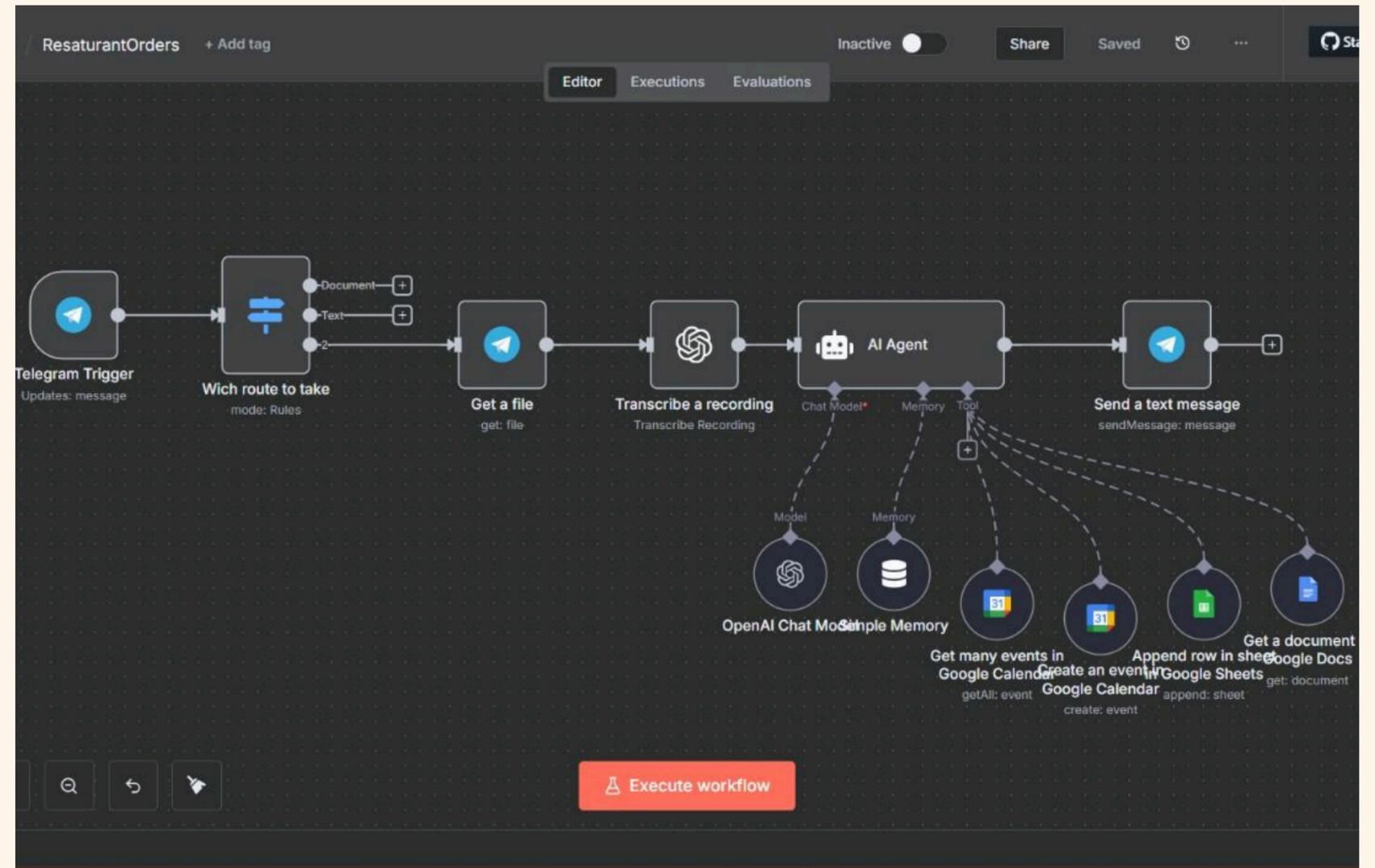
Project 2

Restaurant Orders Agent

I buit the Restaurant AI Agent!🍽️
Thsi project is an intelligent Restaurant Assistant that can:
🤖 Take and manage orders seamlessly
📋 Share the daily menu instantly
📅 Handle table reservations
✅ Check availability — all through Telegram!

Built with n8n and OpenAI integration, this workflow
combines automation, AI, and conversational design to deliver
a smooth and personalized dining experience.

Project 3
Assistant Workflow

We built this AI-powered Telegram workflow using n8n, OpenAI, and integrations like Google Tasks, Gmail, and Google Calendar*.

💡 Here's how it works:

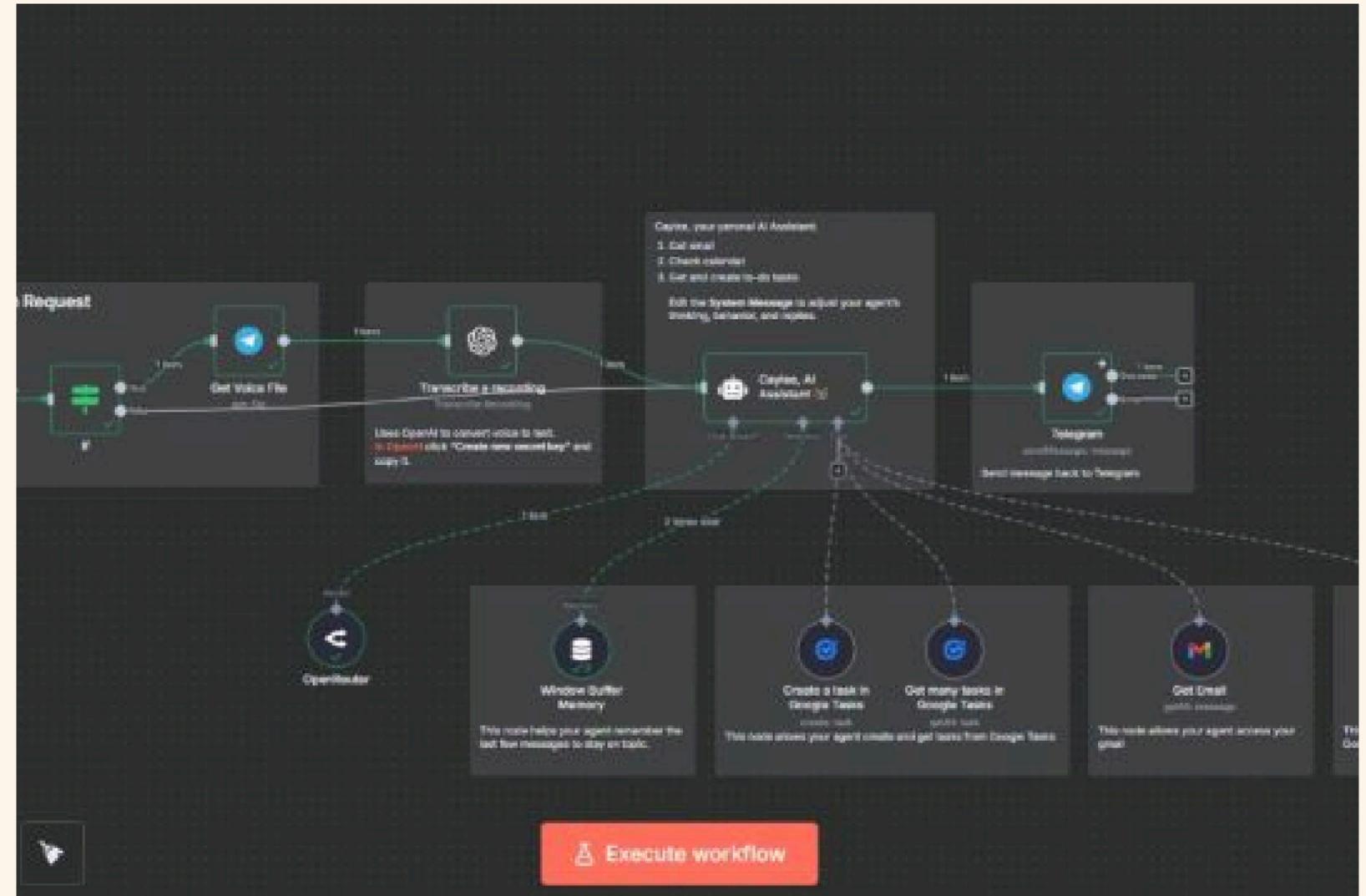   The bot listens for incoming Telegram messages.

    If it's a voice note, it's automatically transcribed into text using OpenAI.

    My AI assistant (powered by ChatGPT) analyzes the message and can:

· Create or retrieve Google Tasks

· Access upcoming events from Google Calendar

· Fetch emails or reply accordingly

    Finally, the response is sent back to Telegram instantly and intelligently.

This automation makes Telegram a real *AI productivity assistant* that can handle tasks, emails, and calendar events in natural language

Project 4

Content Generator with n8n

The automation pulls product data from Google Sheets and routes each item into one of three AI pipelines — Veo 3.1, NanoBanana + Veo, or Sora 2 — to generate and analyze media assets.

⚙️ Workflow Overview

📋 Data Input:

A scheduled trigger loads product details from Google Sheets.

🔀 Smart Routing:

A Switch node assigns each product to the right AI pipeline.

🎥 Veo 3.1 Pipeline:

Generates product videos and updates the Sheet with the links.

🖼️ NanoBanana + Veo Pipeline:

Creates images, analyzes them with OpenAI Vision, produces matching videos, and logs all results.
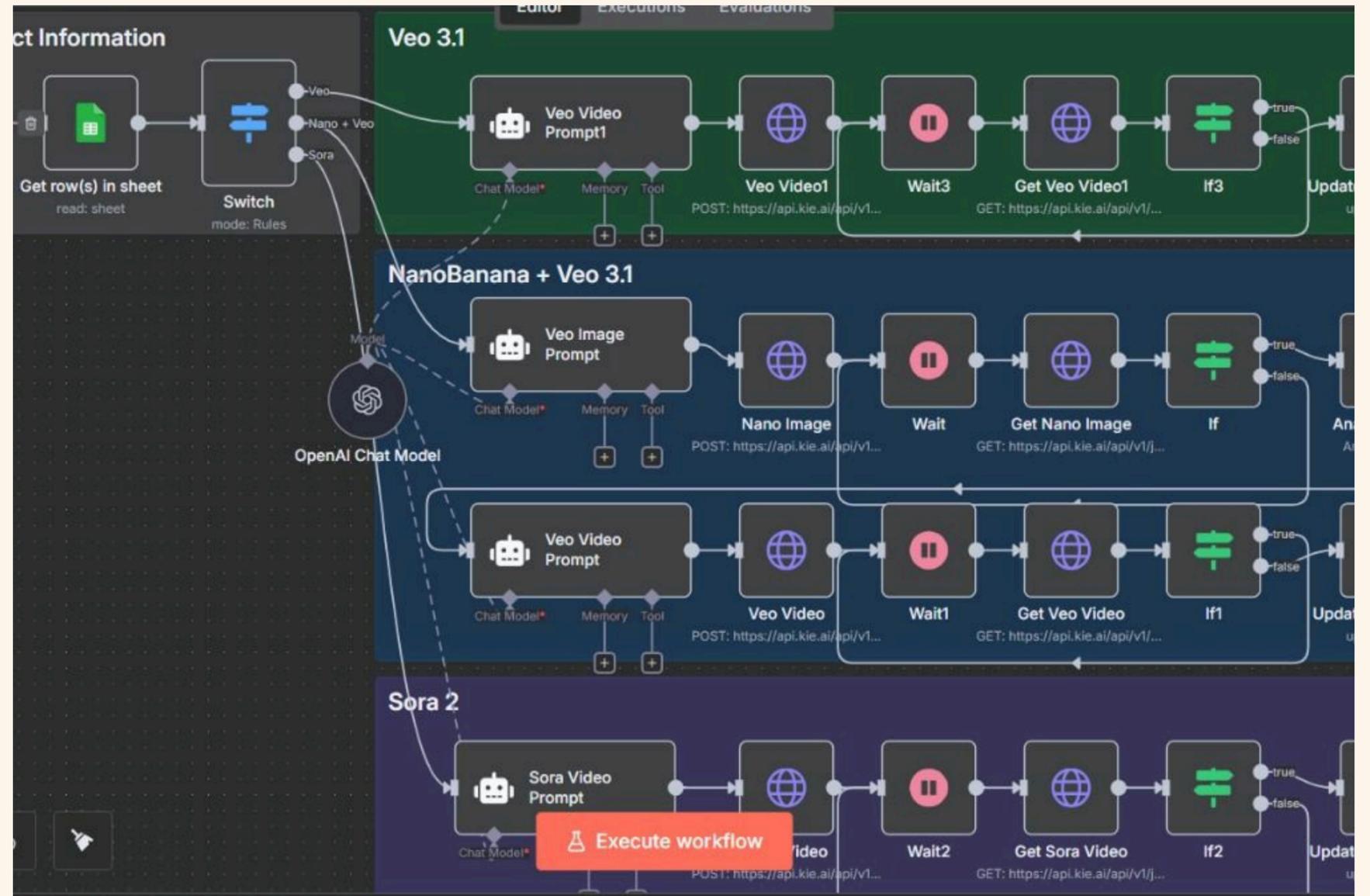
🎬 Sora 2 Pipeline:

Creates stylized product videos and updates the Sheet.

🧠 OpenAI Integration:

OpenRouter handles prompts and OpenAI Vision performs visual analysis.

📊 Real-Time Sync:

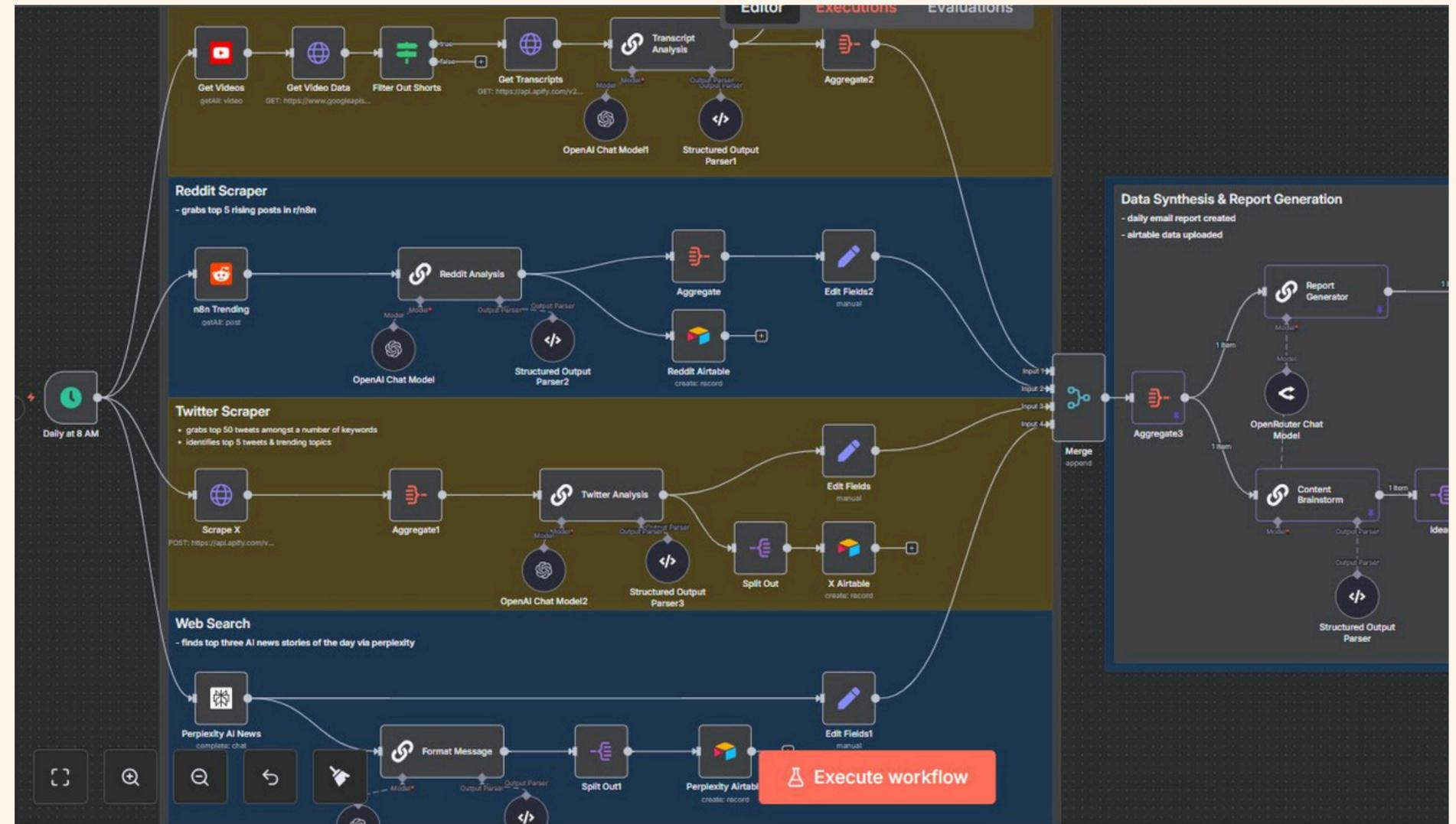All media links and insights are automatically recorded in the Google Sheet.

Project 5

Report Generator workflow

An AI-driven automation workflow that:

-Aggregates data from multiple platforms overnight
Analyzes sentiment, themes, and emerging opportunities using
OpenAI
-Delivers a unified daily intelligence report directly to your inbox and
CRM

How It Works:

  -Automated Scraping: Pulls content from YouTube, Reddit,
Twitter/X, and web sources
  -AI Analysis: OpenAI models extract sentiment, summarize
insights, and identify patterns
  -Smart Synthesis: Merges findings into actionable reports
highlighting trends and content opportunities
  -Seamless Delivery: Sends daily reports via email + uploads to
Airtable for historical tracking

Project 6
Real Estate Analysis with n8n

I built a fully automated workflow using n8n, Google Sheets, Google Drive, and AI (OpenAI GPT) to streamline property data analysis for acquisitions.

Here's how the automation works:
🟡 Step 1 — Data Collection
The workflow starts by pulling new property URLs directly from Google Sheets.
Each URL is processed to extract raw property details (address, price, beds/baths, etc.).
🔴 Step 2 — AI-Powered Underwriting & Storage
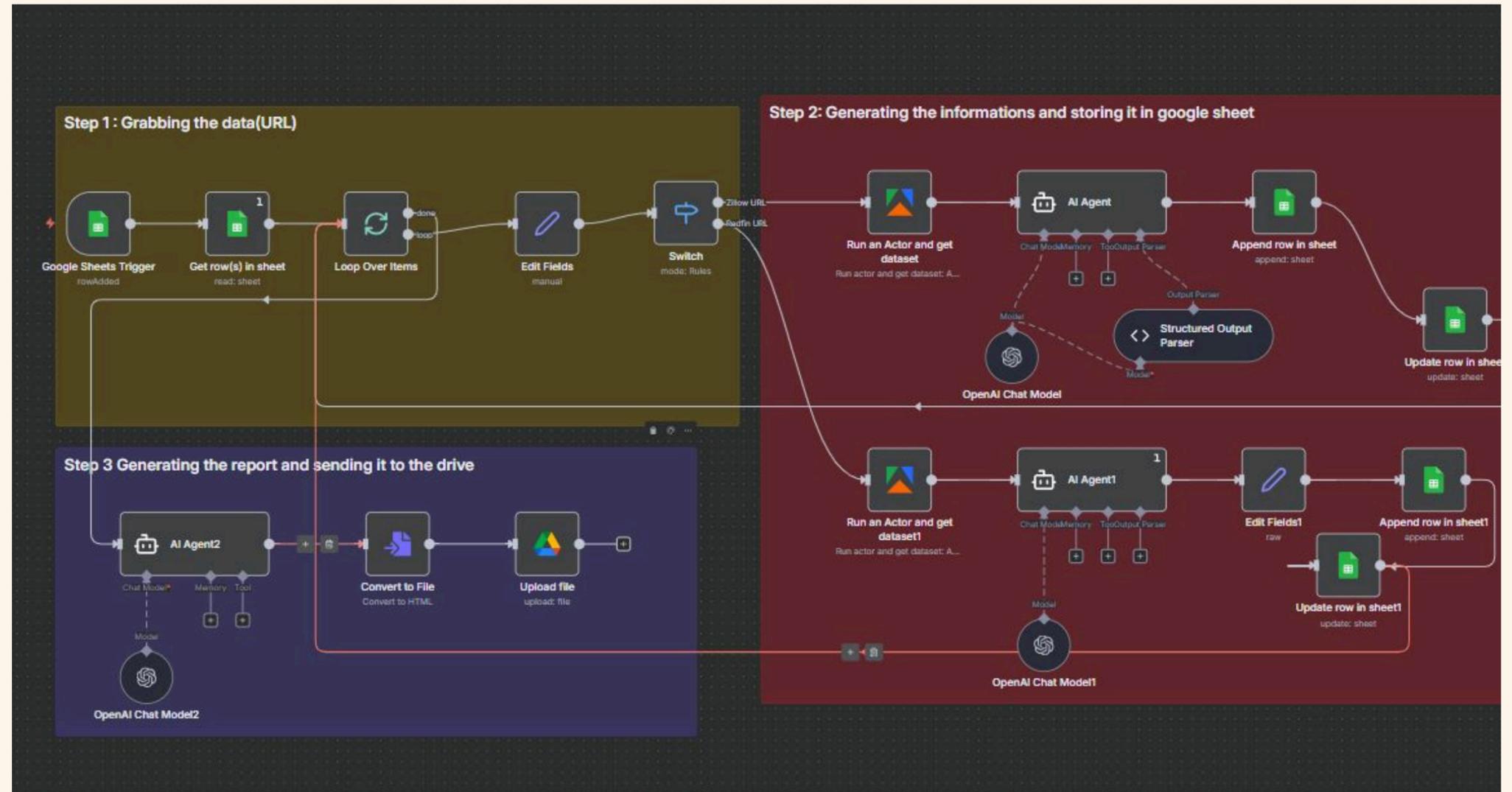For every property:
✔️ GPT analyzes the home
✔️ Generates key investment metrics:
ARV (After Repair Value), Rent estimates, Rehab scope & cost range
MAO 70%, Exit strategy, Investment notes
✔️ The structured results are automatically written back into Google Sheets
This creates a live underwriting database with consistent and accurate data.

🔵 Step 3 — Report Generation & Distribution
Once the analysis is complete:
📄 GPT generates a full professional property report
📁 The report is converted into a PDF
☁️ It's automatically uploaded to Google Drive
📍 Everything is stored and ready for the acquisitions team to review
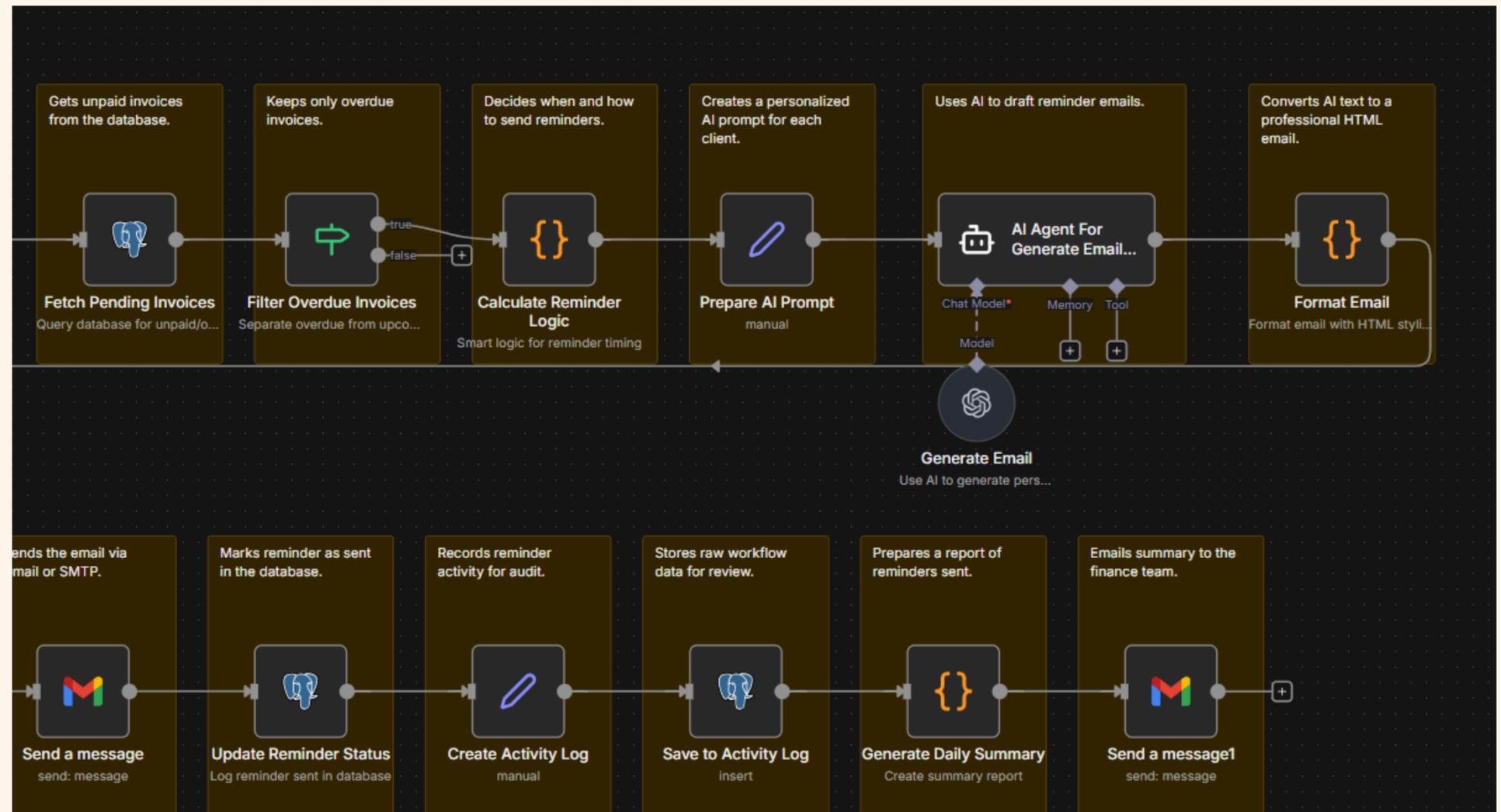
Project 7
Payment Reminder

This workflow streamlines invoice management by automatically checking pending payments each day, identifying overdue invoices, generating AI-powered reminders, and sending updates to both clients and the finance team.

Key Features:
- Daily 9 AM checks for consistent invoice monitoring
- AI-generated personalized reminders and confirmations
- Daily logs and summaries for clear financial visibility

Workflow Process
- Schedule Daily Check: Triggers the workflow every day at 9 AM
- Fetch Pending Invoices: Retrieves all unpaid invoices
- Filter Overdue Invoices: Identifies invoices past their due date
- Calculate Reminder Logic: Determines timing and urgency
- Prepare AI Prompt: Formats data for AI processing
- AI Agent — Generate Email: Creates personalized reminder emails
- Format Email: Applies professional HTML styling
- Send Email Reminder: Sends reminders to clients
- Update Reminder Status: Records the sent reminder in the database

- Create Activity Log: Generates an audit log
- Save Input Log: Stores raw data for analysis
- Generate Daily Summary: Compiles daily metrics
- Send Summary to Finance Team: Emails the summary report

The End

Thanks

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