Self-Hosted AI starter kit

- Self-hosted AI Starter Kit is an open-source Docker Compose template designed to swiftly initialize a comprehensive local AI and low-code development environment.
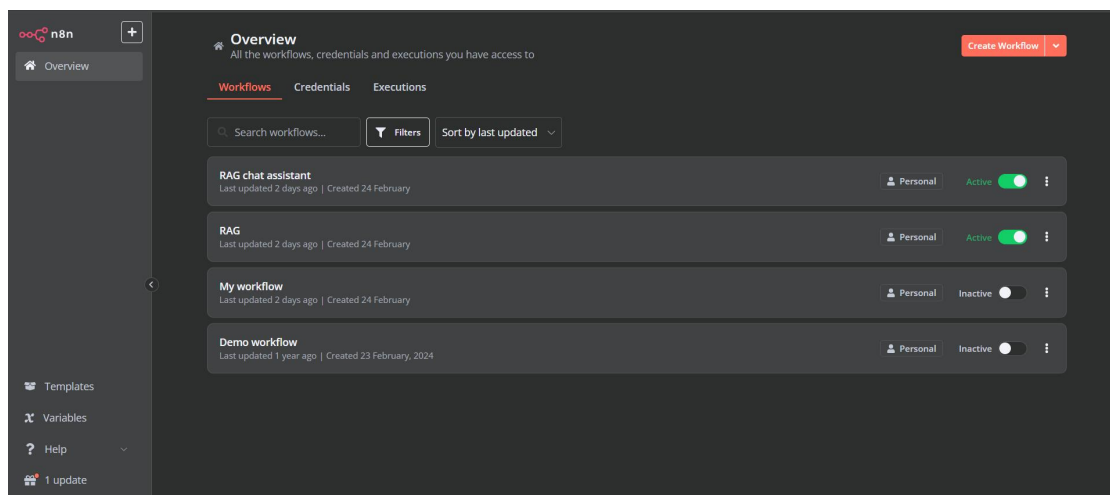- [Link to Self-Hosted AI starter kit](#)

Key Components

- Self-hosted n8n - Low-code platform with over 400 integration and advanced AI components
- Ollama - Cross-platform LLM platform to install and run the latest local LLMs
- Qdrant - Open-source, high performance vector store with an comprehensive API
- PostgreSQL - Workhorse of the Data Engineering world, handles large amounts of data safely.
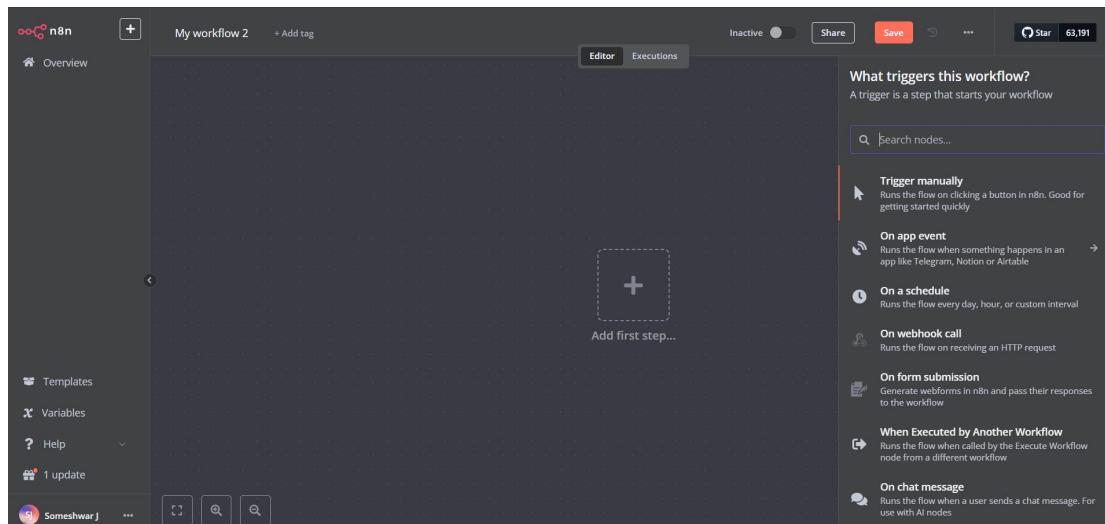
Notable Features

- Workflow creation using n8n's low-code environment.
- Agent Builder with multiple workflow node options.
- VectorDB support for efficient retrieval of vectorized embeddings.
- Google Services integration, allowing workflows to interact with Google Drive and other cloud-based services.
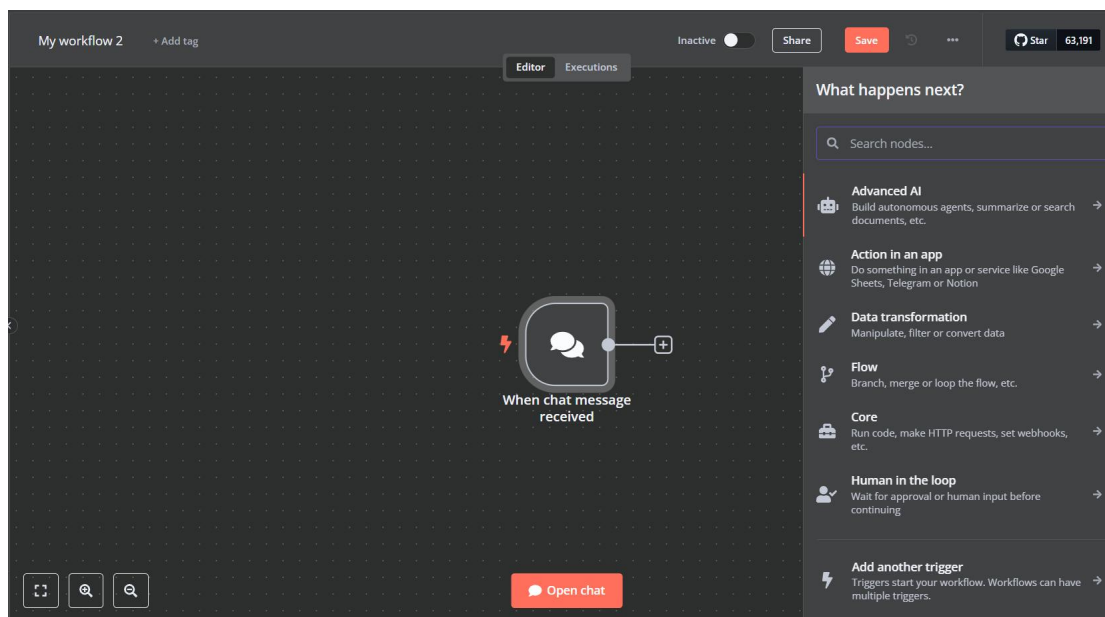- OpenAI features for integrating and enhancing AI-based workflows.
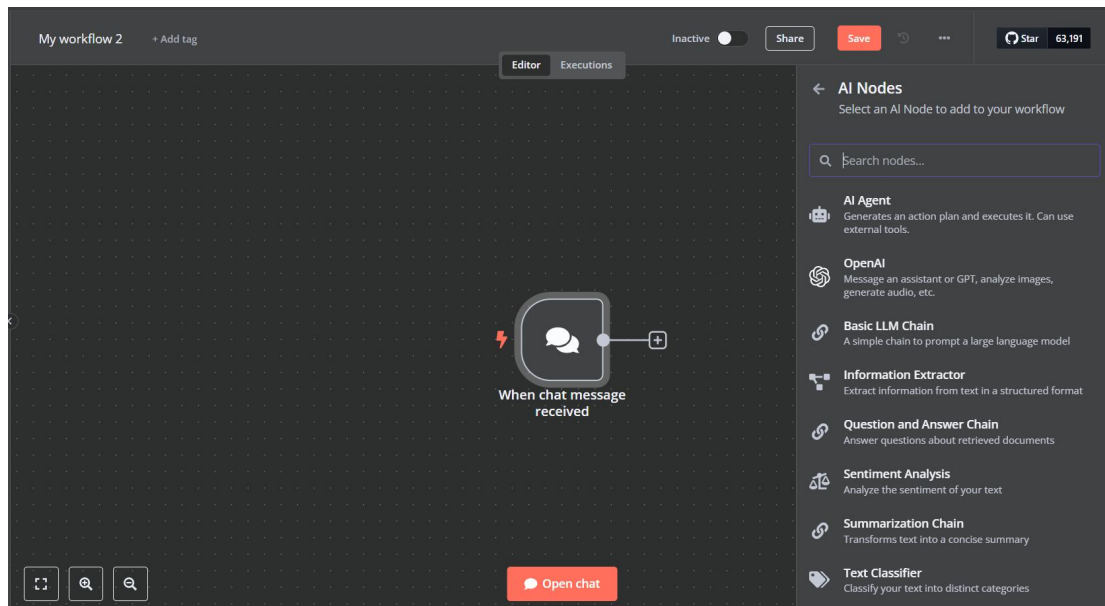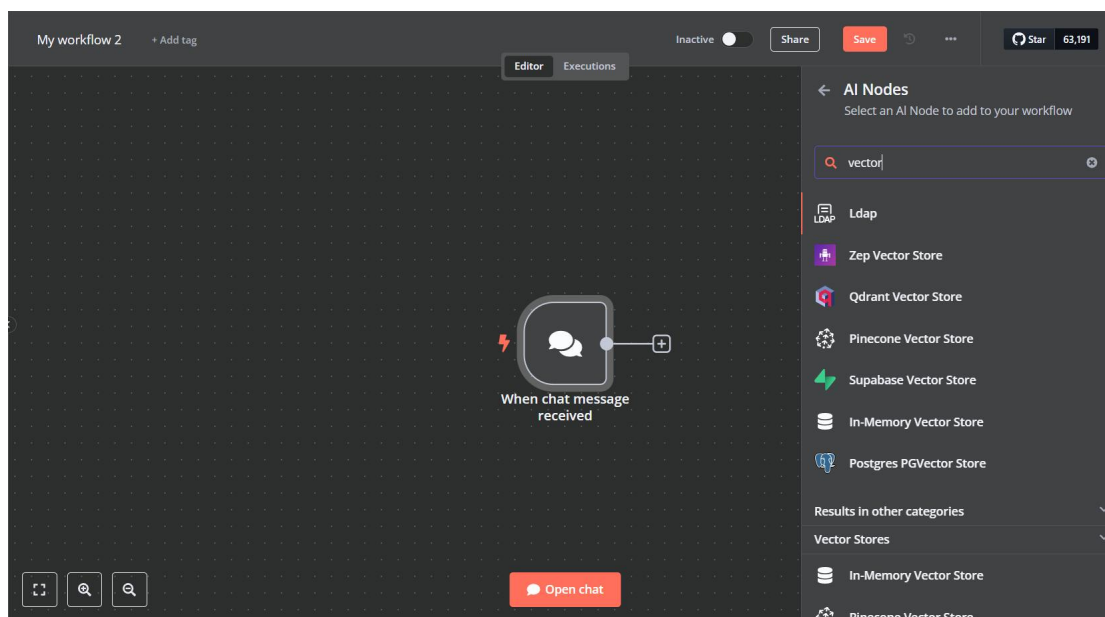
Features
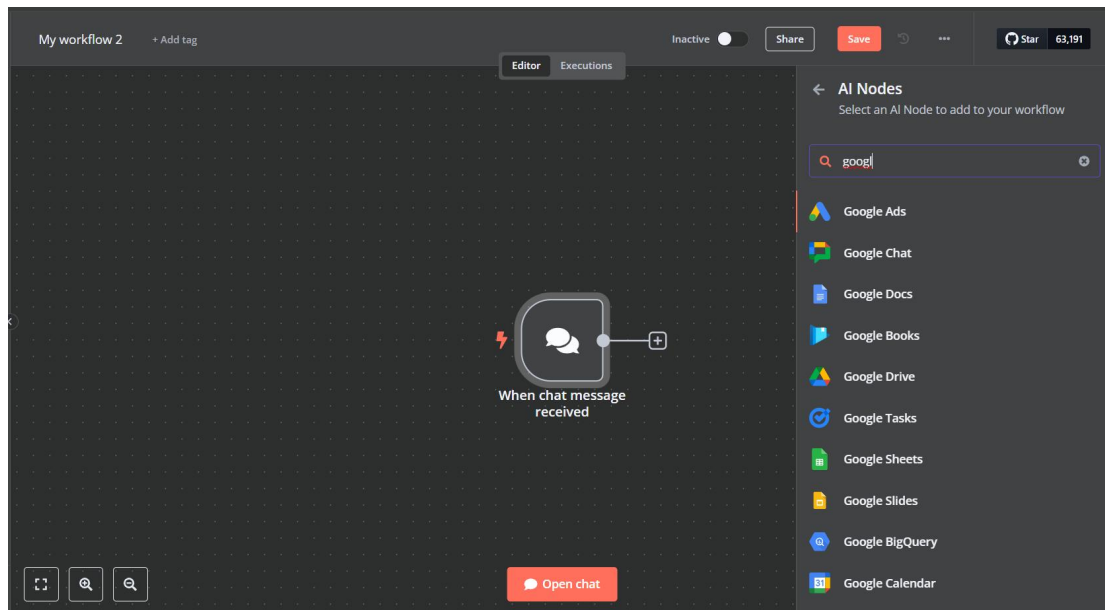

Landing Page

Workflow creation
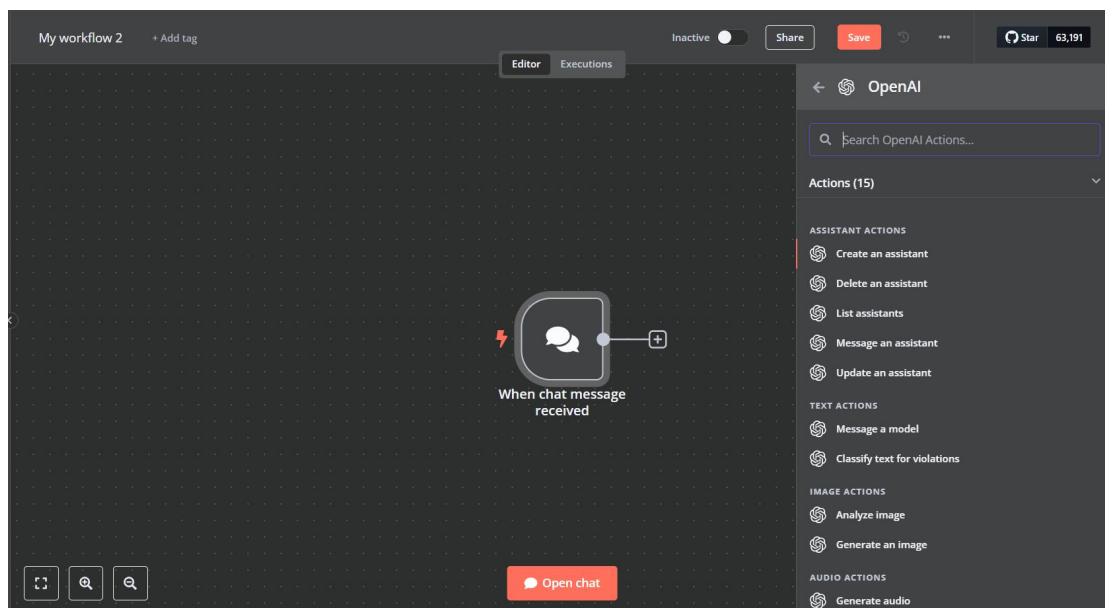

Agent Builder options

Workflow node Options
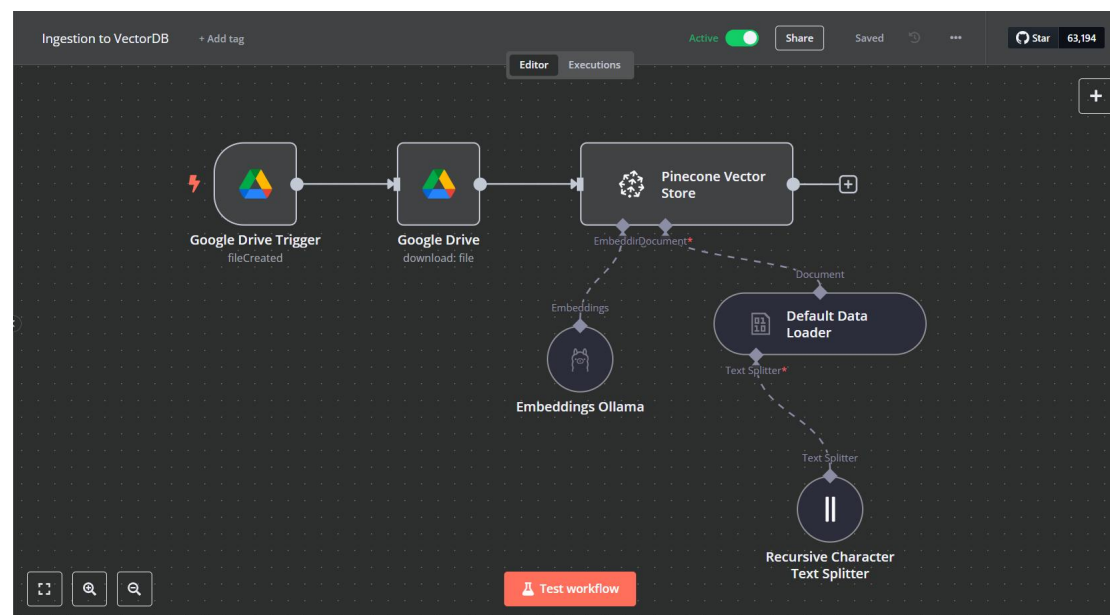

VectorDB options
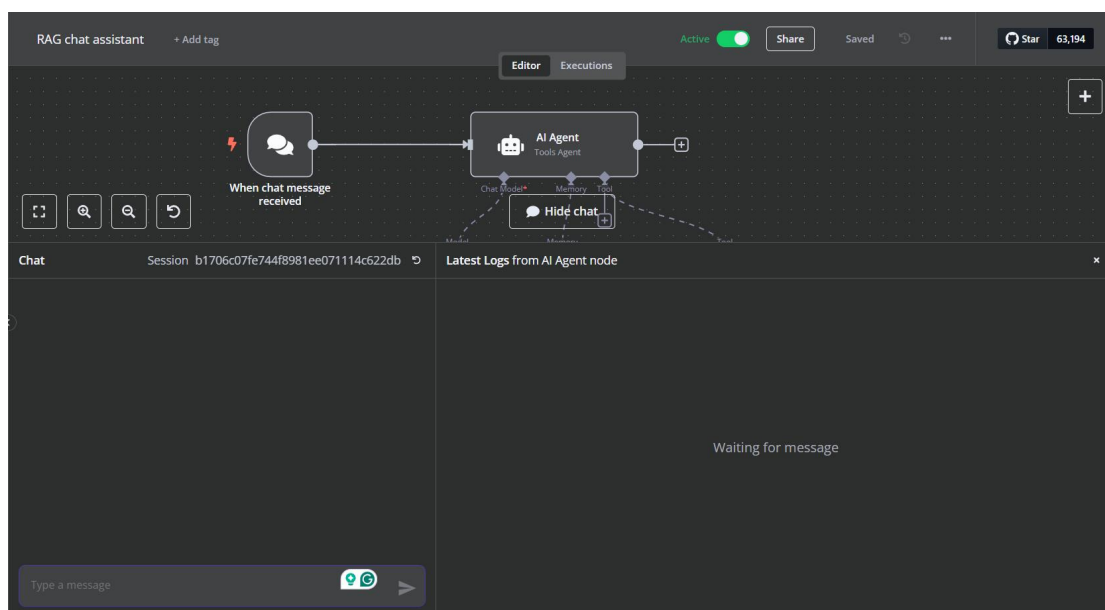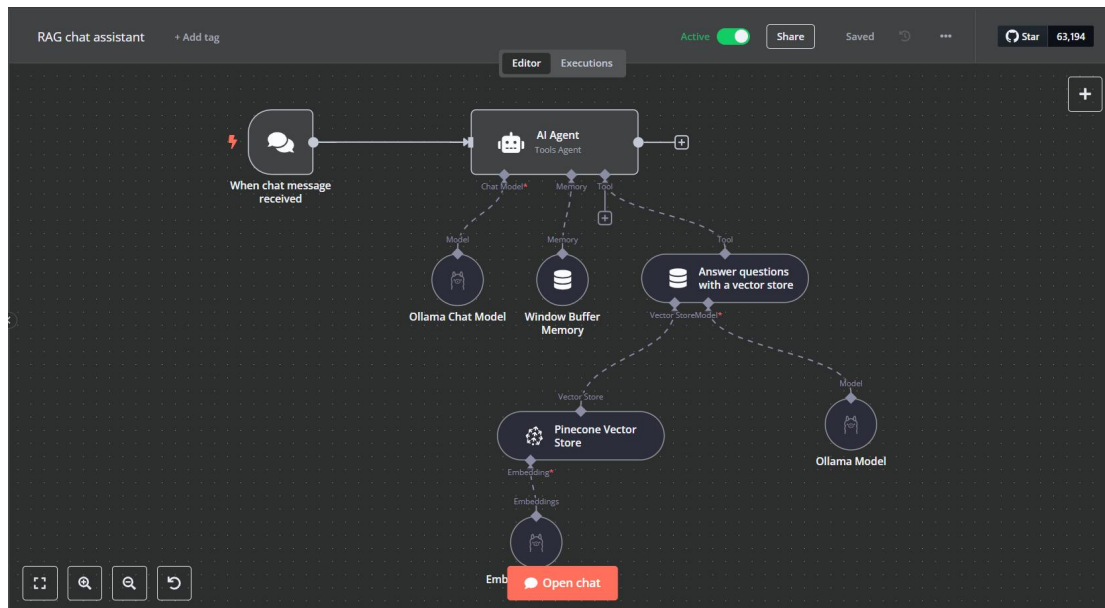
Google Service

OpenAI features
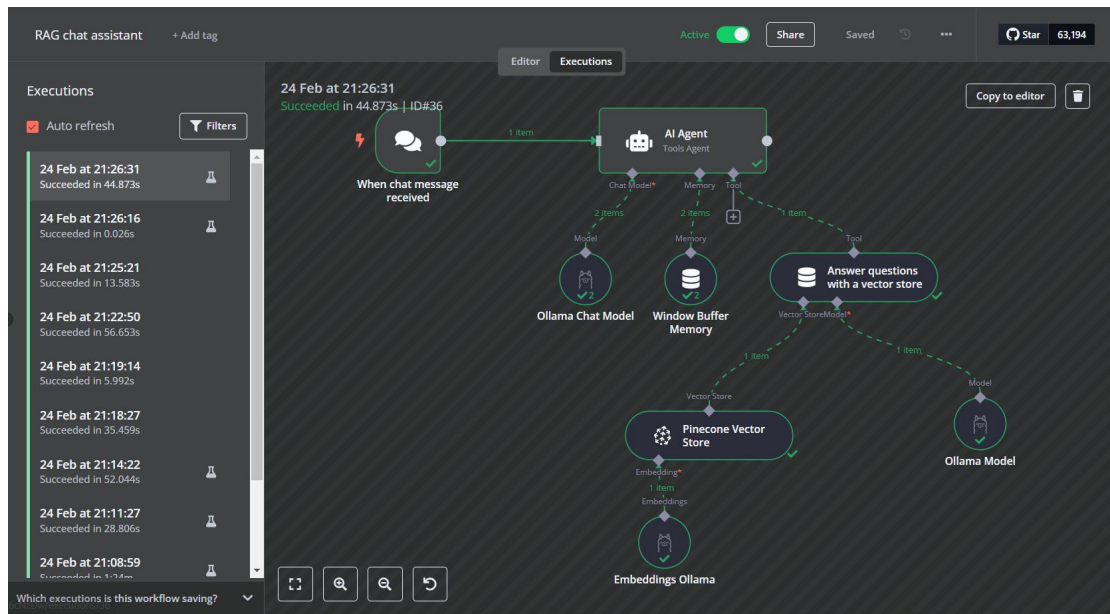
Use Cases & Workflows

- Workflow for RAG chatbot - Demonstrates how to process documents and enable retrieval-augmented generation (RAG) for chatbot interactions.
- Ingestion Workflow - Automates file ingestion from Google Drive to VectorDB for efficient AI-based retrieval.
- Testing and Execution History Windows - Enables monitoring and debugging of AI workflows.
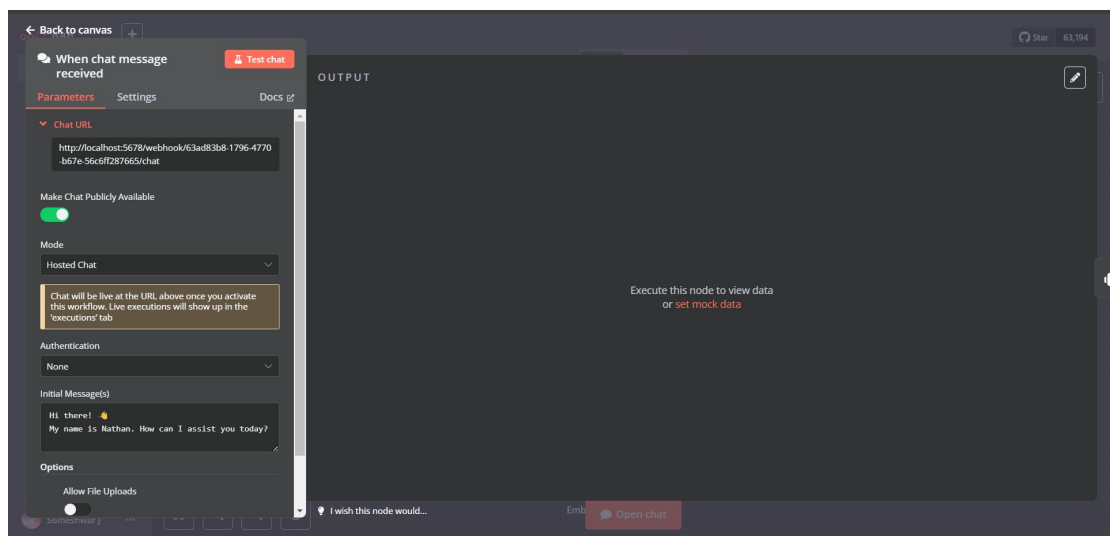
Use Case AI Agent

Workflow of Ingestion to VectorDB after uploading file to Google Drive

Workflow of RAG chatbot

Testing Window for Chat

Execution History Window

Options for Chat Integration other Applications

Video Link:

Click here to View