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AI Explans AI demo with a RAG application built using LangFlow and StreamLit

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Shrinivasan Sankar and Shrinivasan Sankar updated readme	8eee648 · last year 🕐
📄 RAG_app_demo_2.json	adding in files	last year
📄 README.md	updated readme	last year
📄 app.py	adding in files	last year
📄 llava_phi_paper.pdf	adding in files	last year
📄 phi_15_paper.pdf	adding in files	last year
📄 phi_1_paper.pdf	adding in files	last year
📄 phi_3_report.pdf	adding in files	last year

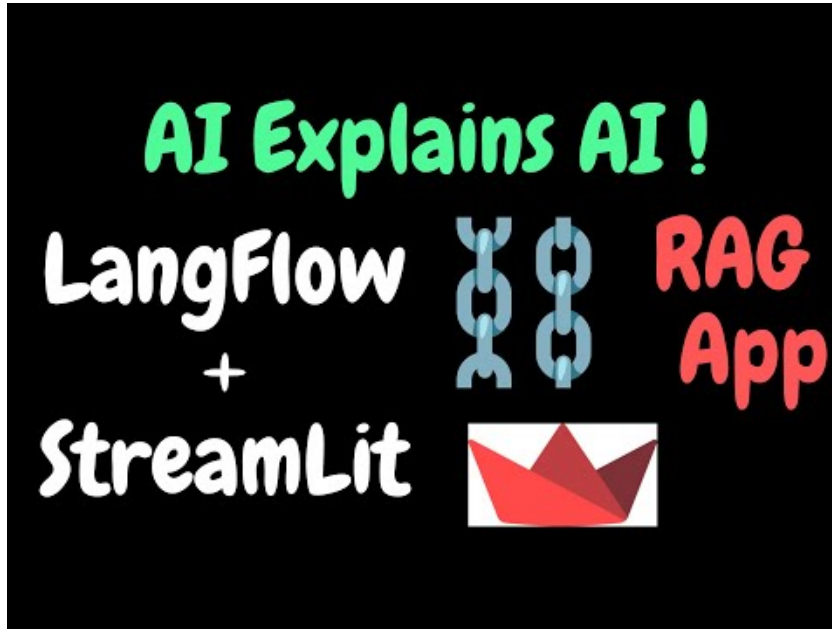📖 README   ✏ ☰

simple-rag-app

Can AI explain itself? In other words, if I take an AI model and ask it questions about any another AI model, I would expect it to answer my questions. But it turns out that the model simply doesn't know about any other models.

Can a simple workaround for this problem lies with Retrieval Augmented Generation or RAG in short? This repo implements a RAG pipeline using LangFlow and StreamLit to develop an App called, "AI Explans AI".

YouTube video

Checkout the below YouTube video which walks through the app development.

Installation

- Clone the repo

```
git clone git@github.com:ai-bites/simple-rag-app.git
```

- Its important that the vwe are in `python 3.10` to get the installation right. Then we just need `langflow` `streamlit` and `langchain-community`

```
conda create -n rag-app python=3.10
conda activate rag-app
pip install langflow
pip install streamlit
pip install langchain-community
```

Running the app

To run the app directly, just run streamlit on `app.py`.

```
streamlit run app.py
```

If you just want to run langflow, run langflow and import the `json` file

```
langflow run
```