🦜🔗 Gdrive your RAG

Austin LangChain Users Group

Agenda

- Welcome Message
- News & Announcements
- Labs using Google Drive!
  - Gdrive + Rag Intro
  - MultiModal image interpretation
  - RAG with Gdrive loader in LangServe
  - Document Synthesis with PD

Welcome - Austin LangChain

- Local Austin LangChain User Group
  - Discord - https://discord.gg/fjQfpwcsZX
  - Github - https://github.com/colinmcnamara/austin_langchain
  - Meetup - https://www.meetup.com/austin-lanchain-ai-group/
  - Twitter - @AustinLangChain
  - Youtube - https://www.youtube.com/@AustinLangChain
- Monthly in person meetings & workshops
- Monthly virtual meetings
- Low stress, learning and sharing
- Connect with other early adopters
- Learn, Share, Grow

- CoC - **Be cool** to each other, no gross behavior

Thanks to our Supporters

Amini & Conant - Meeting Space

KeyChange - Food & Beverage

Always Cool Brands - Sessions Platform

Contributors - code, content, community

News and Announcements

- Langchain 0.1.4 released with DOC UPDATES!!!
- LangChain team has been DELIVERING on their youtube:
- LangGraph released - https://blog.langchain.dev/langgraph/
- Austin LangChain in person 2/21/2024 - LangGraph! - https://www.meetup.com/austin-langchain-ai-group/events/299060502/

Call for Papers

- Present your work!
- Learn together!
- Improve on an introduced concept!
- Post your idea on our discord!

Want to review our 101 meeting?

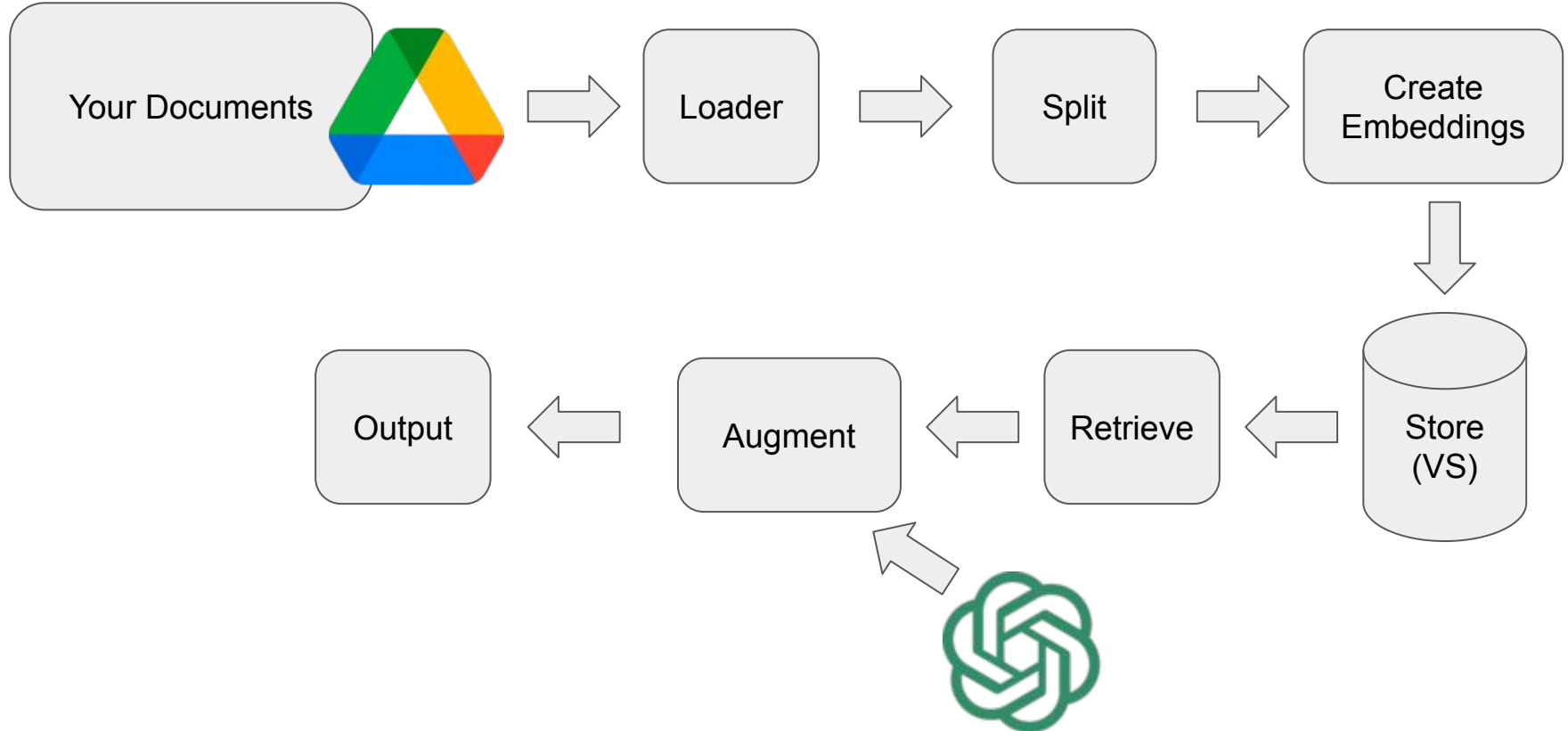https://www.youtube.com/watch?v=P3DGZvuSdeE

Pimp your drive - Google Drive Labs

- Gdrive + Rag Intro
- MultiModal image interpretation with Ollama llava
- Extend Rag-Chroma with Gdrive loader using LangServe
- Document Synthesis with Pandas

Gdrive + RAG overview
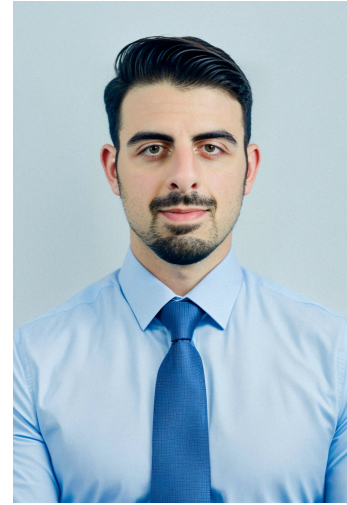
Lab - RAG introduction

Colin McNamara

- Required: Google Colab
- Repo: https://github.com/colinmcnamara/austin_langchain/
- Notebook:
https://github.com/colinmcnamara/austin_langchain/blob/main/labs/LangChain_103/ALC_Turbocharge_your_RAG_quickstart.ipynb

LAB - Rag Chroma with Google Drive loader

Ricky Pirruccio

- Required: Docker on your computer
- Repo: https://github.com/colinmcnamara/austin_langchain/
- Notebook: https://github.com/colinmcnamara/austin_langchain/tree/main/labs/LangChain_103/rag_chroma_from_google_drive
- PDF lab Guide - https://github.com/colinmcnamara/austin_langchain/blob/0410563b208625f603979cc2644e8b3aea9a3e6e/resources/presentations/Austin%20LangChain%202-7-2024%20rag_chroma_from_google_drive%20lab.pdf
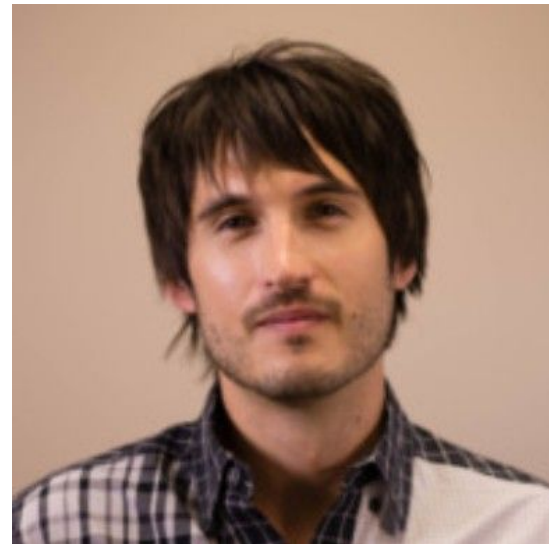-

Multi-Modal Image Description

Karim Lalani

- Required: Google Colab
- Repo: https://github.com/colinmcnamara/austin_langchain/
- Notebook: https://github.com/colinmcnamara/austin_langchain/blob/main/labs/LangChain_103/rag_ollama_llava_drive/103-1-ollama-bakllava-gdrive.ipynb

LAB - Document Synthesis using Pandas

Scott Askinosie M.S. Ph.D.

- Repo: https://github.com/colinmcnamara/austin_langchain/
- Notebook:
  https://github.com/colinmcnamara/austin_langchain/blob/main/labs/LangChain_103/103-4-pandas_df_agent_langchain.ipynb

Thank you - Please Join

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