

DOC BOT CONVERSATIONS

REVOLUTIONISING ACCESS TO PDF CONTENT THROUGH
CONVERSATION

PRESENTED BY:

AVEENA DANGE
642303002

ISHA KHUTAFALE
642303011



PRESENTATION OUTLINE

- Introduction
- Objectives
- What is DocBot Conversations?
- Technologies used
- Key Concepts
- Llama Index
- Scope
- References
- Conclusion



INTRODUCTION

DocBot Conversations is your intelligent companion for navigating PDF documents effortlessly.

- Retrieve information from PDFs
- Gain quick access to relevant data without scrolling through lengthy documents
- Smart search

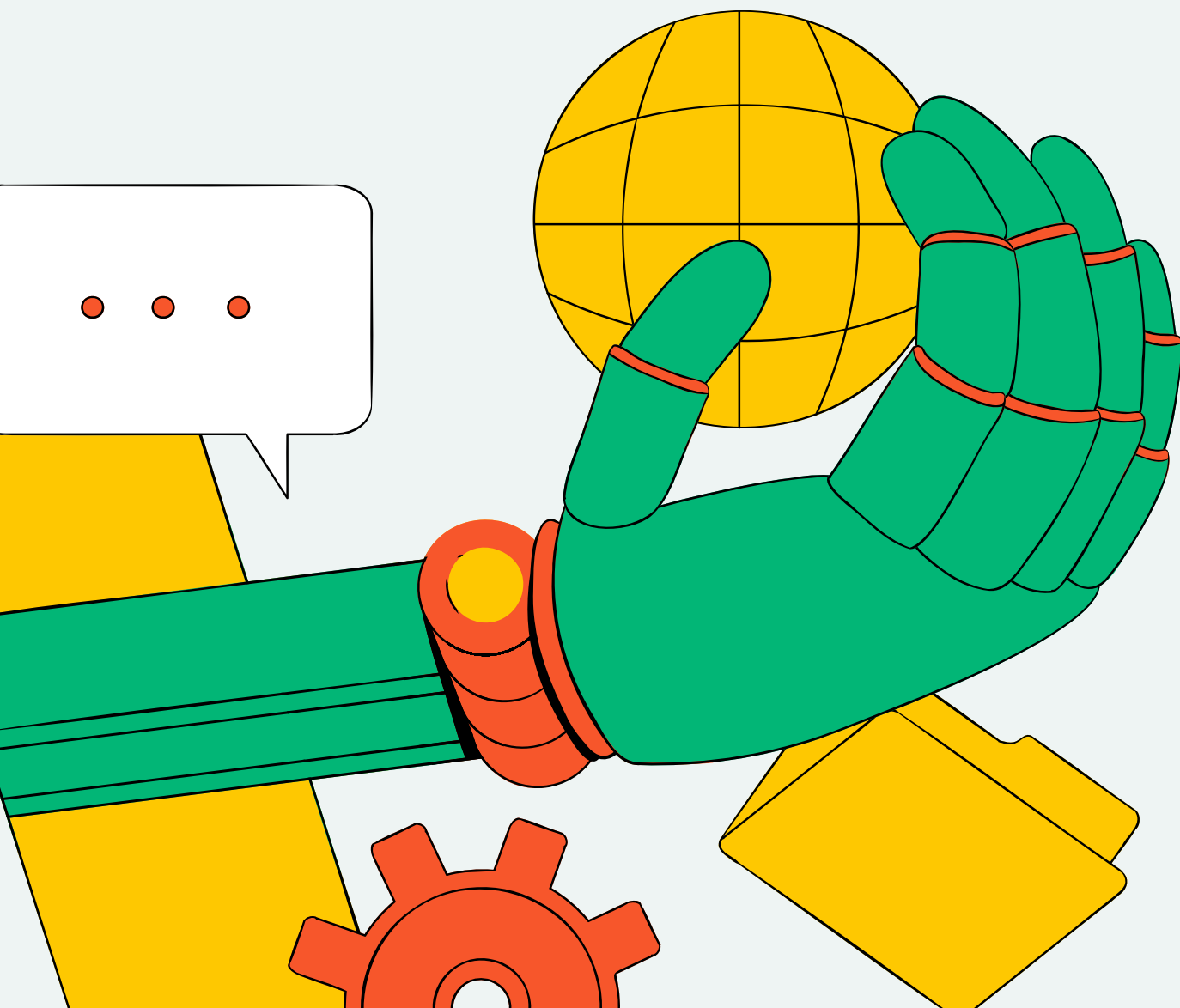


OBJECTIVES

- Enhance accessibility to PDF documents
- Save time by quickly locating relevant information
- Increase productivity by streamlining document retrieval
- Ensure accuracy and precision in information delivery
- Commit to continuous improvement based on user feedback and technological advancements



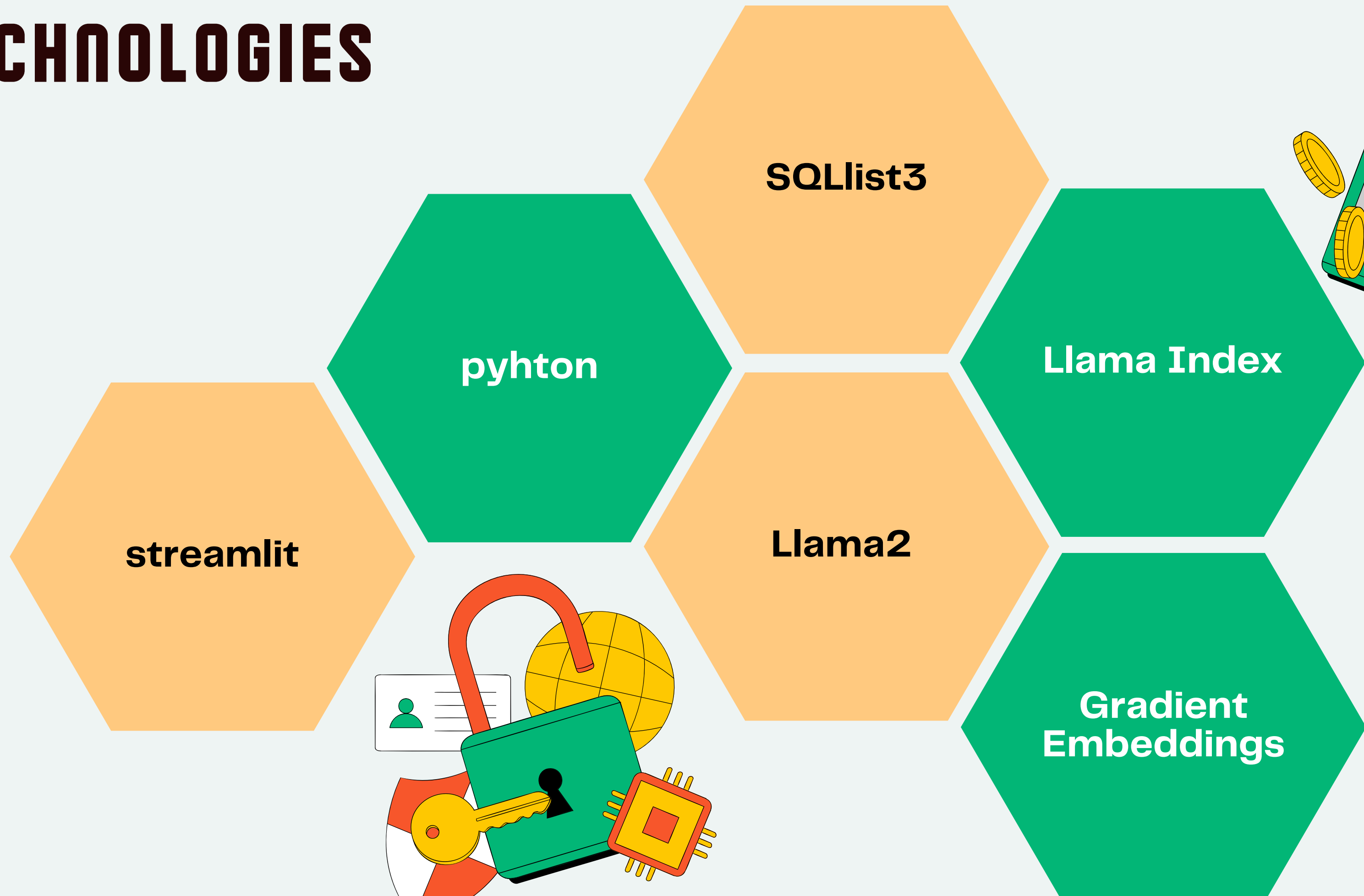
WHAT IS DOC BOT CONVERSATIONS?



- Upload PDF documents effortlessly
- Ask questions about the uploaded PDFs
- Interact with PDF content through conversation
- Retrieve information quickly and conveniently
- Seamlessly navigate through PDF documents
- Enhance productivity in accessing PDF data



TECHNOLOGIES



KEY CONCEPTS



Upload Pdfs

Ask Questions

Chat History

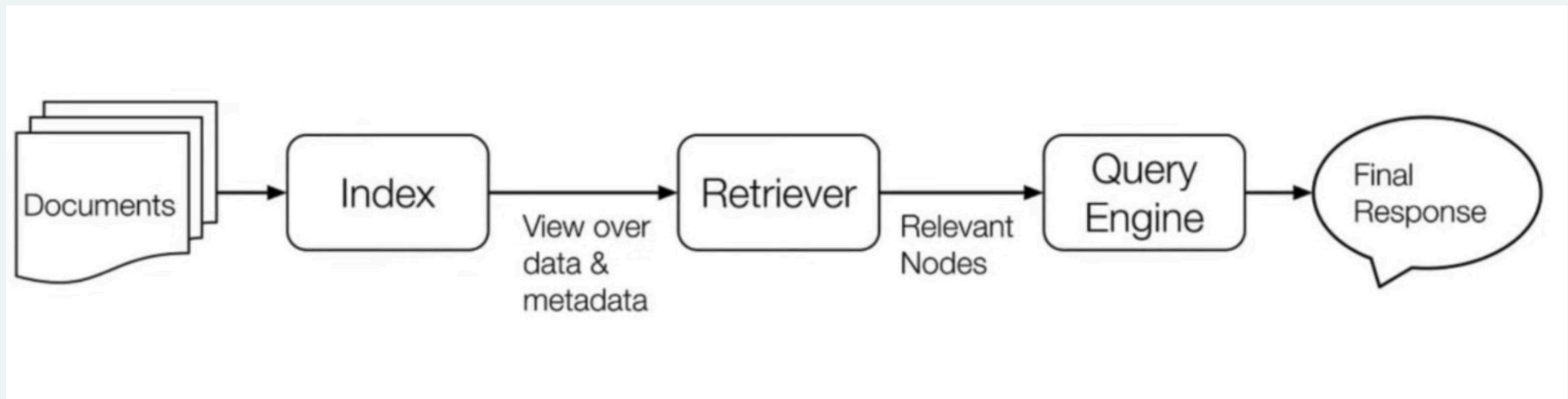
Register/ Login

Various Help Pages



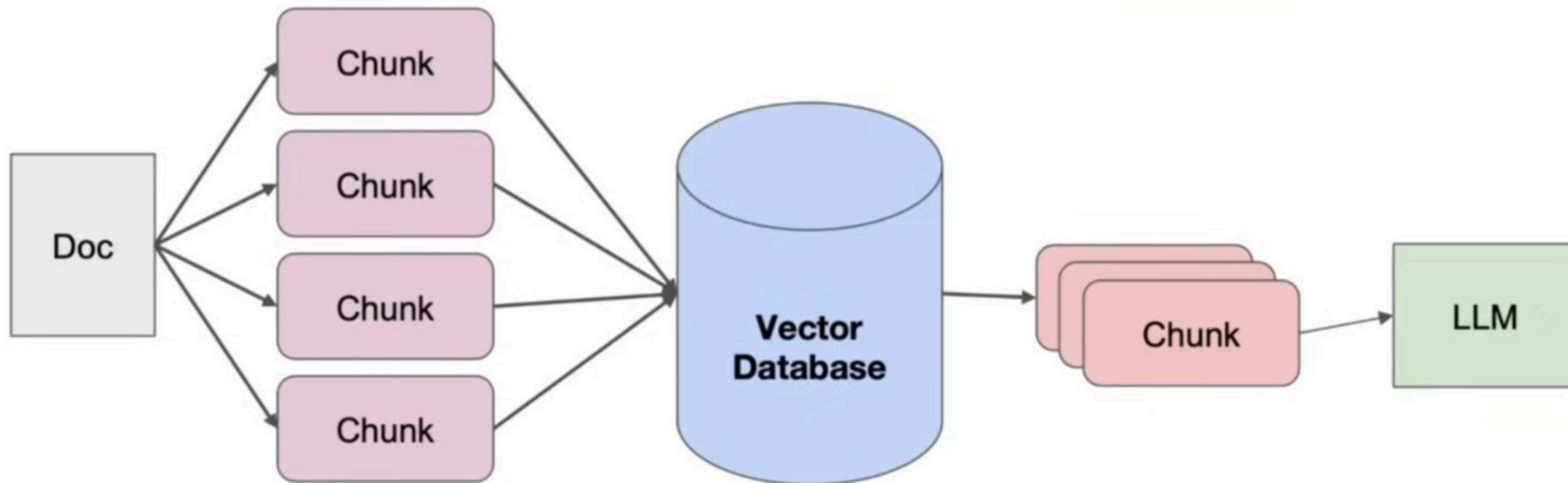
WHAT IS LLAMA INDEX?

LlamaIndex is an orchestration framework that simplifies the integration of private data with public data for building applications using Large Language Models (LLMs). It provides tools for data ingestion, indexing, and querying, making it a versatile solution for generative AI needs.



Data Ingestion / Parsing

Data Querying



FUTURE SCOPE

01

MULTI LANGUAGE
SUPPORT

02

OFFLINE MODE

03

IOS ANDROID COMPATIBILITY

04

PERFORMANCE
OPTIMIZATION

05

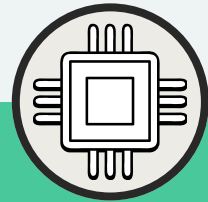
VOICE INTERACTION

06

INTEGRATION WITH
EXTERNAL SYSTEMS

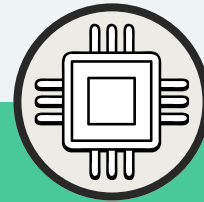


REFERENCES



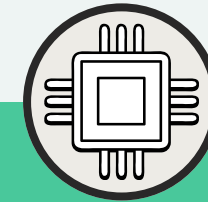
DATABASE

<https://sqlitebrowser.org/>



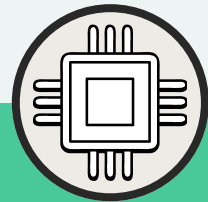
FRONTEND

<https://docs.streamlit.io/>



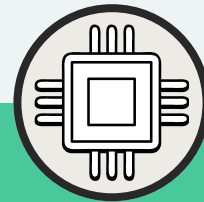
LLAMA INDEX MODEL

<https://www.llamaindex.ai/>



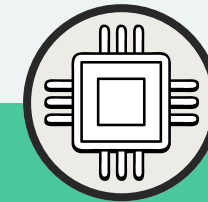
EMBEDDINGS

<https://gradient.ai/>



ARTICLE

<https://www.analyticsvidhya.com/blog/2023/09/how-to-build-a-pdf-chatbot-without-langchain/>



INSPIRATION

<https://askyourpdf.com/>



CONCLUSION

DocBotConversations revolutionizes document interaction. Using open-source Lamma Index and Lamma2 model with RAG technology, users effortlessly engage in natural language conversations. With gradient embeddings, accessing information is simplified. It's a game-changer in document engagement

