

Building LLM Powered Solutions

Module 6: Adding Generation to Retrieval Systems

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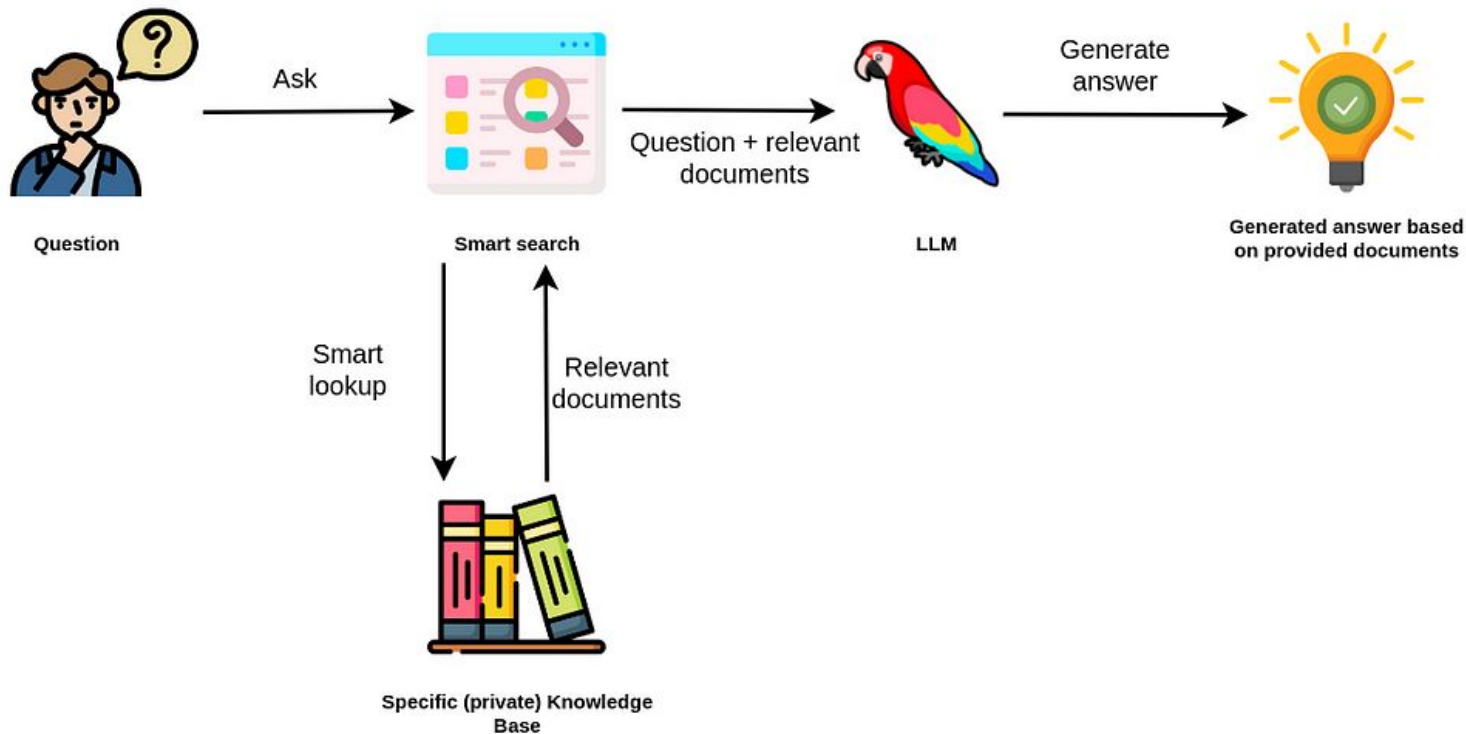


Learning Outcomes

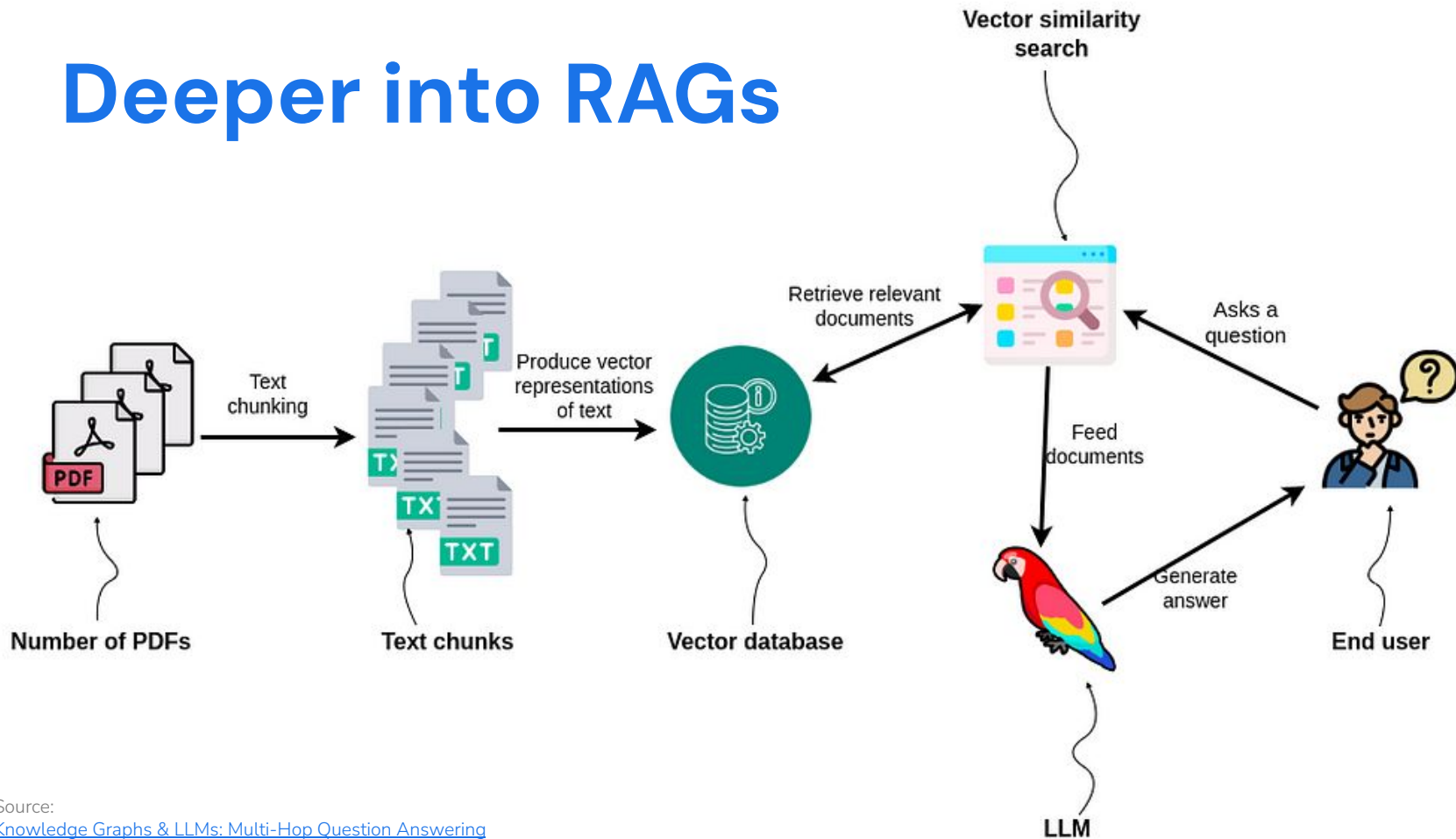
We will be covering topics on:

- Handling large corpus
- Using Langchain for RAG
- Building a Document Reader
- Knowledge Graphs
- Evaluation of LLMs

Retrieval Augmentation



Deeper into RAGs



Introducing: Knowledge Graphs

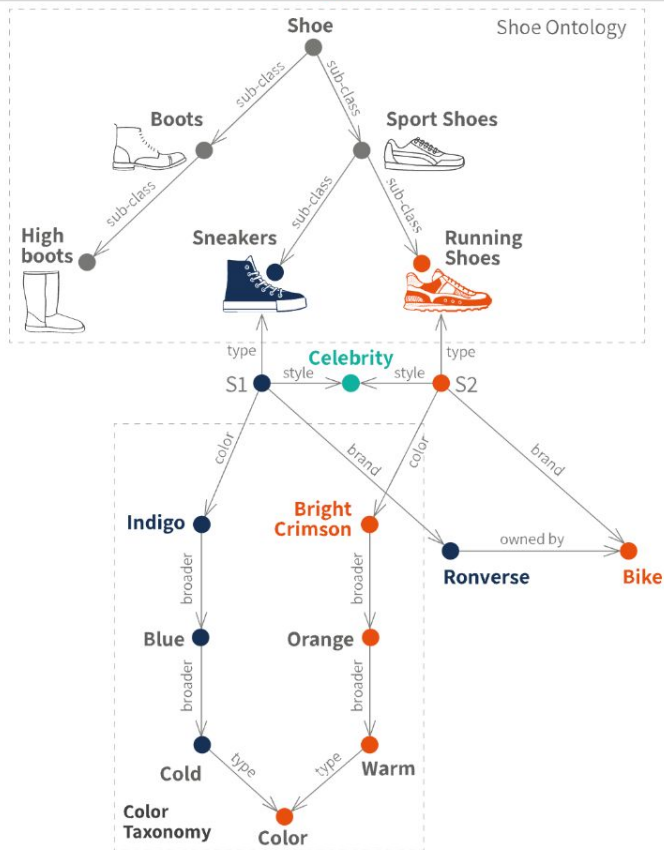
The heart of the knowledge graph is a knowledge model:
a collection of interlinked descriptions of concepts, entities, relationships and events.

Knowledge graphs put data in context via linking and semantic metadata and this way provide a framework for data integration, unification, analytics and sharing.

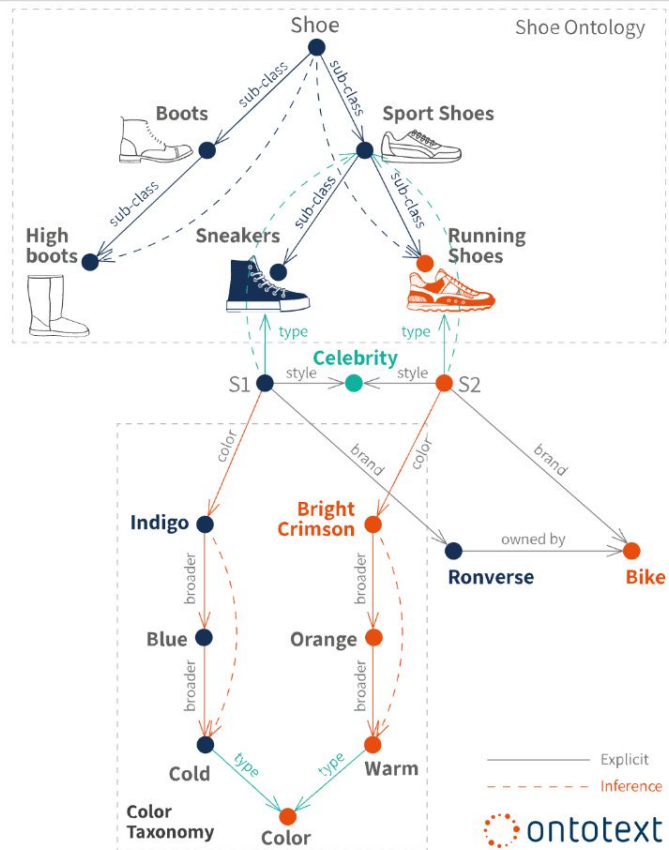
Plain Graph



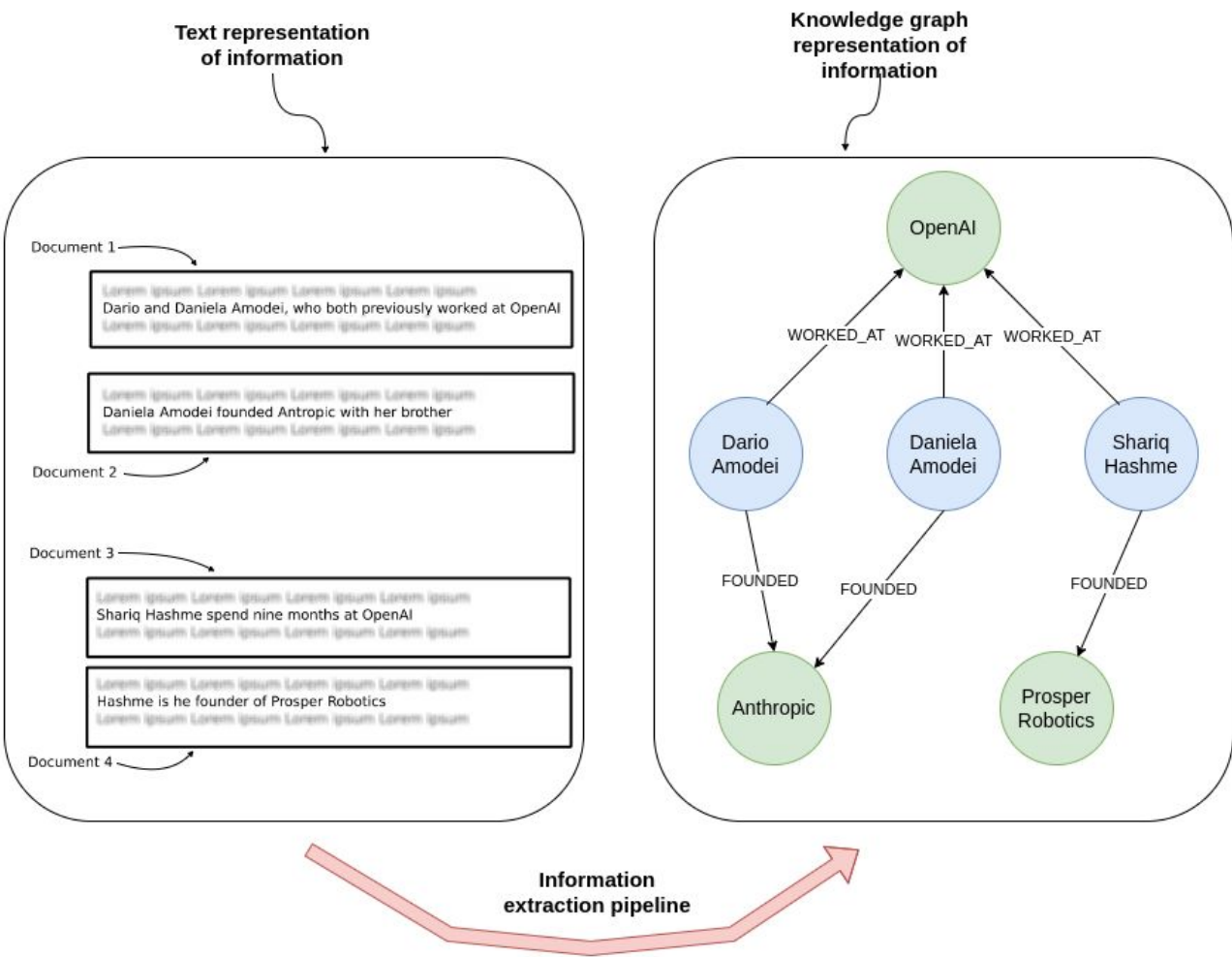
Knowledge Graph



Knowledge Graph with Inference

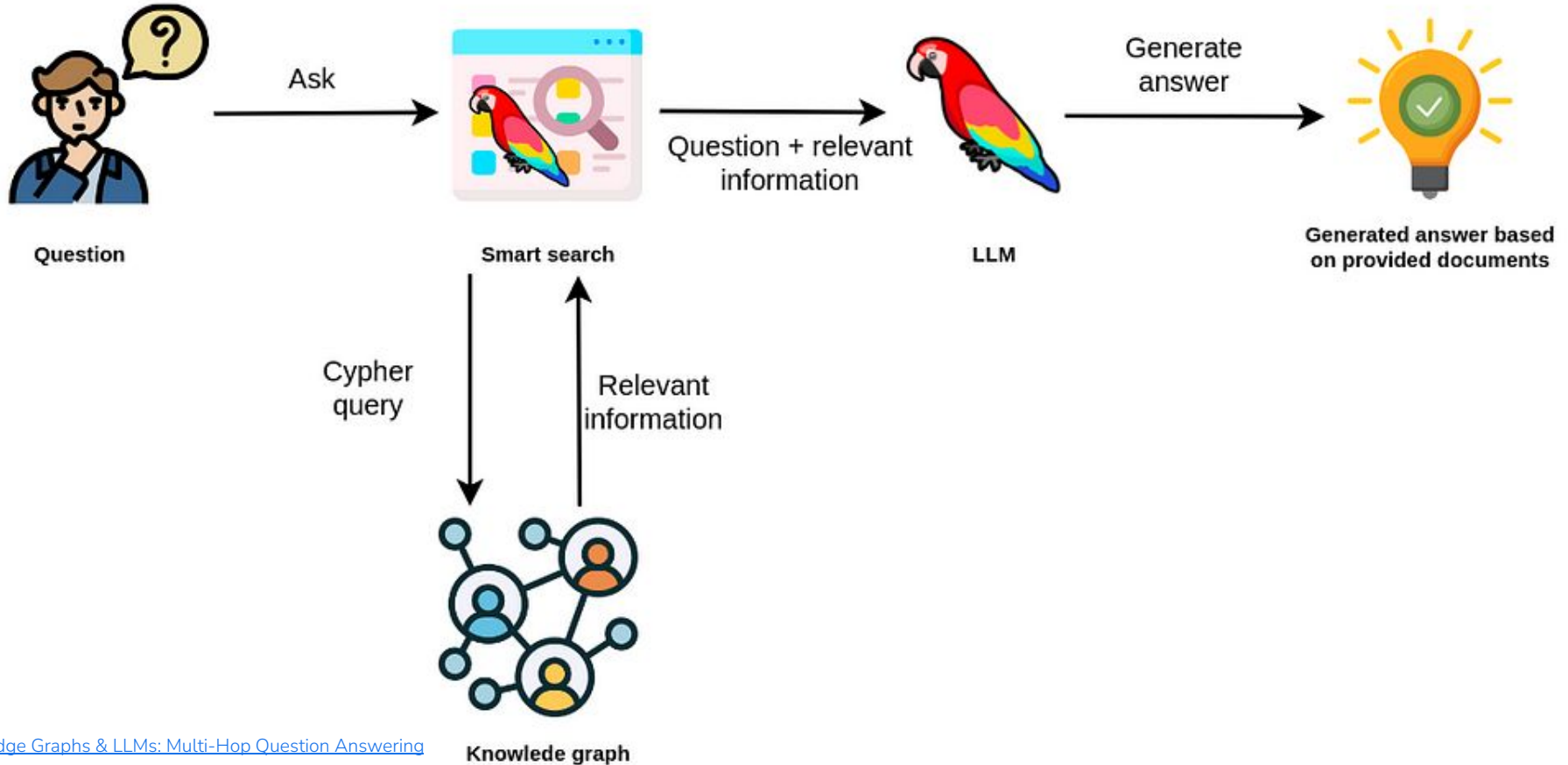


Knowledge Graphs



Source:
[Knowledge Graphs & LLMs: Multi-Hop Question Answering](#)

Knowledge Graphs



Thank you.

Appendix