Analytics Vidhya

Overview of RAG Framework

Instructors

Prashant Sahu

Manager - Data Science, Analytics Vidhya

Ravi Theja

Developer Advocate Engineer, LlamaIndex

Objective

To provide the right answer for the user query from the external knowledge base

Steps Involved in RAG

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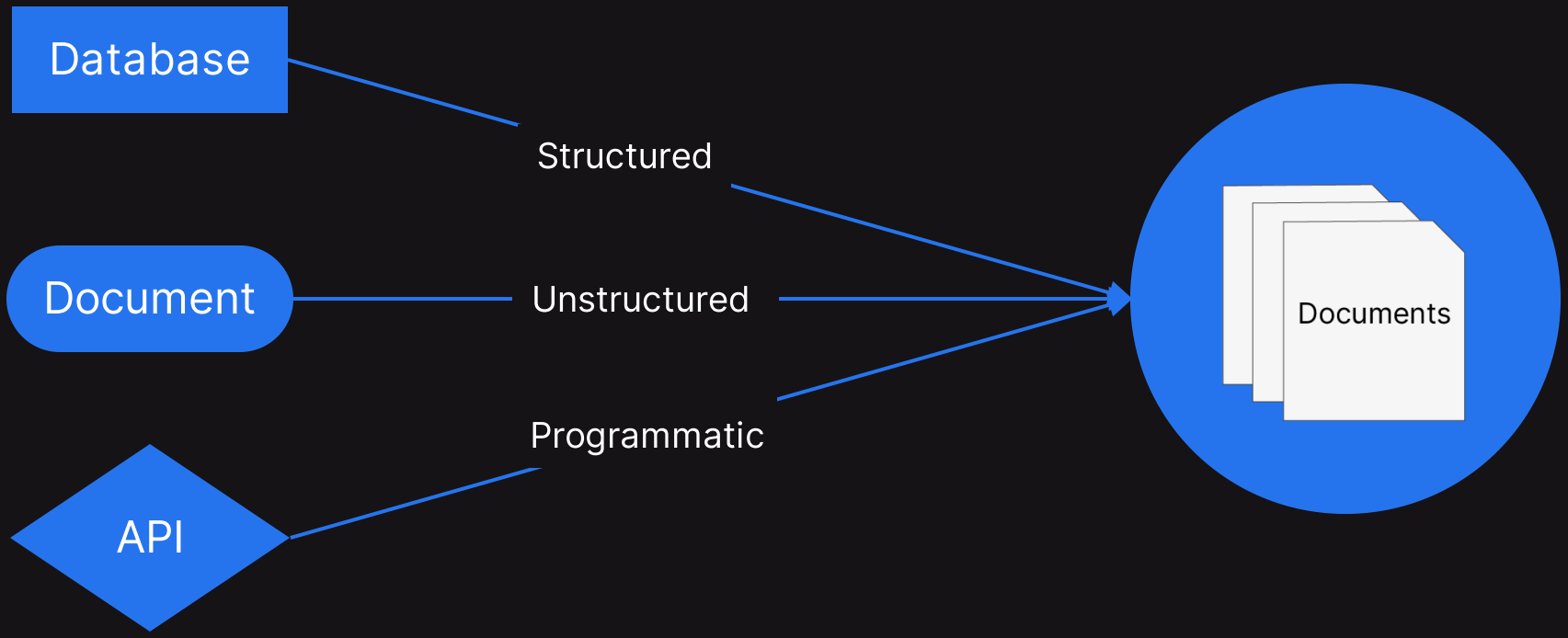
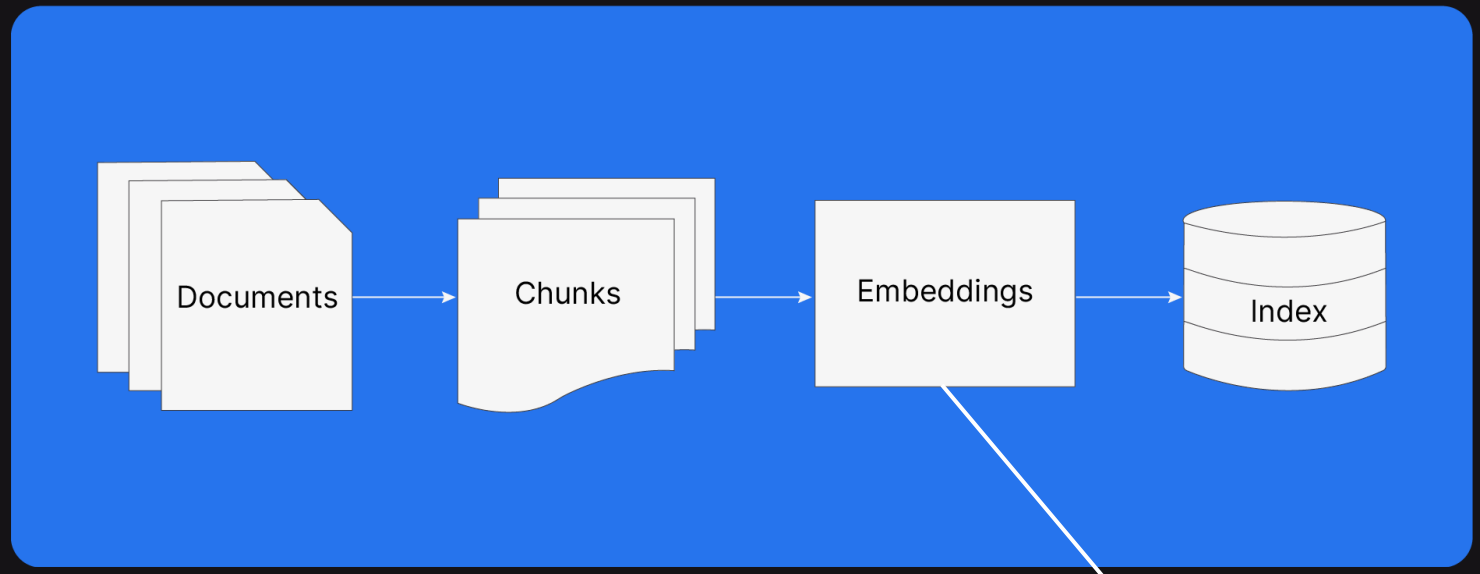
1. Data Ingestion



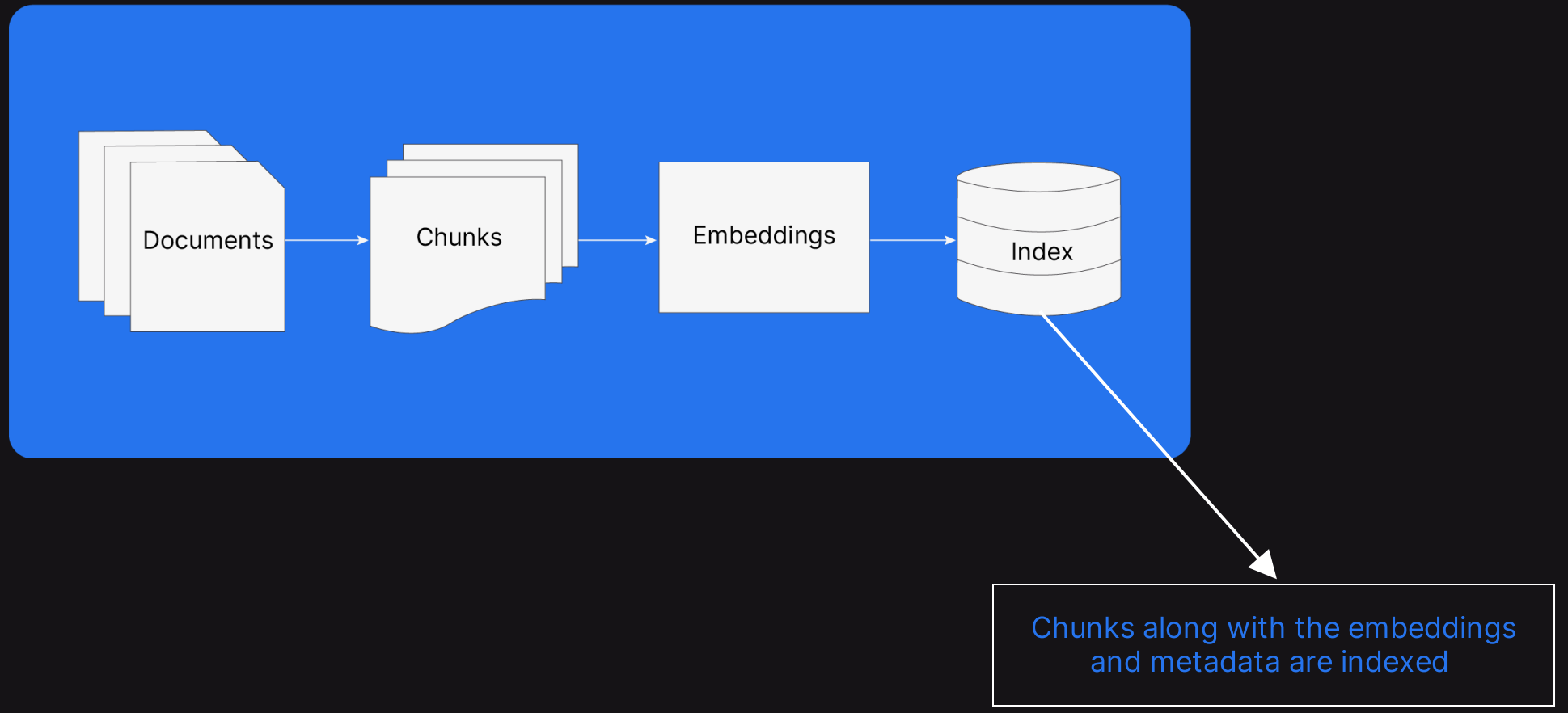
Steps Involved in RAG

2. Indexing & Storing



Numerical vector representations of textual chunks that capture the meaning and context of the text

2. Indexing & Storing

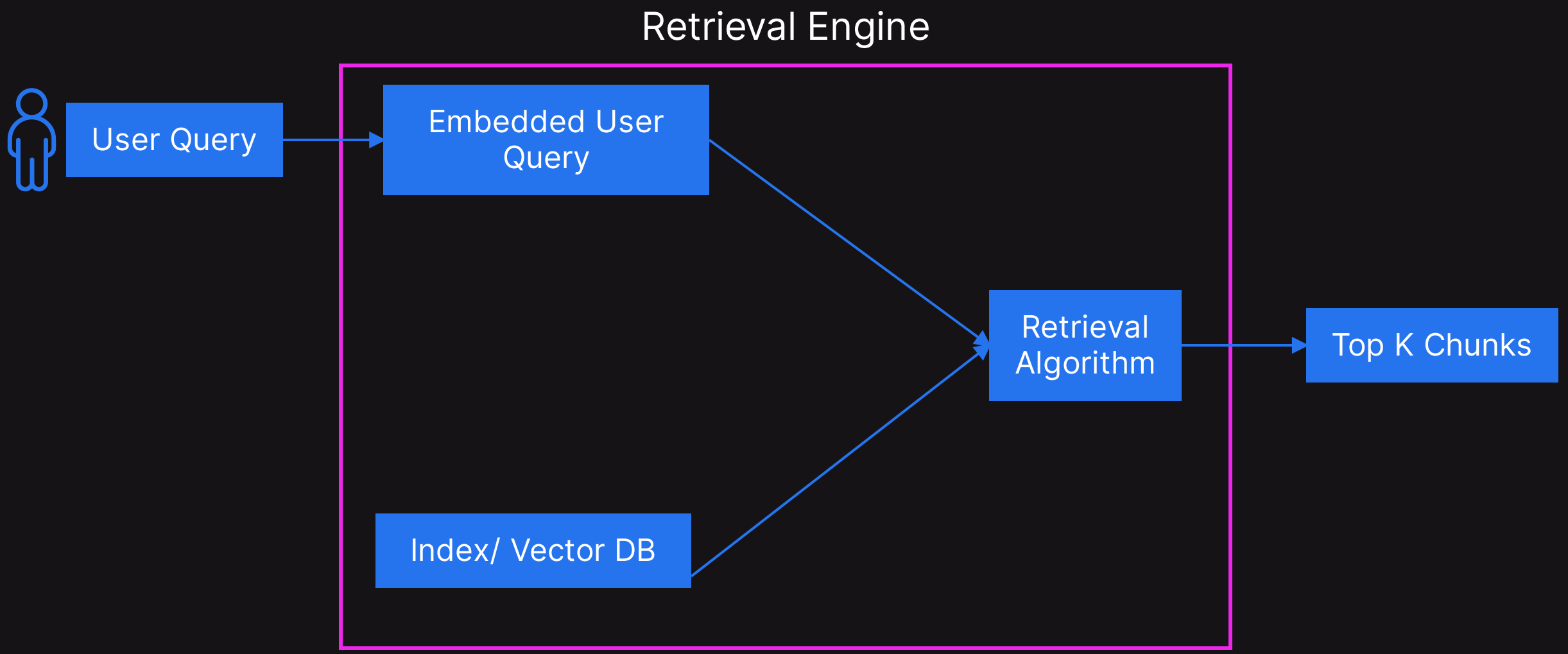


Why Indexing?

- Quick Retrieval: Speeding up the process of finding relevant information
- Enhanced Accuracy: Improves the relevance and quality of information retrieved.
- Scalability: Allows the system to efficiently handle large data volumes.

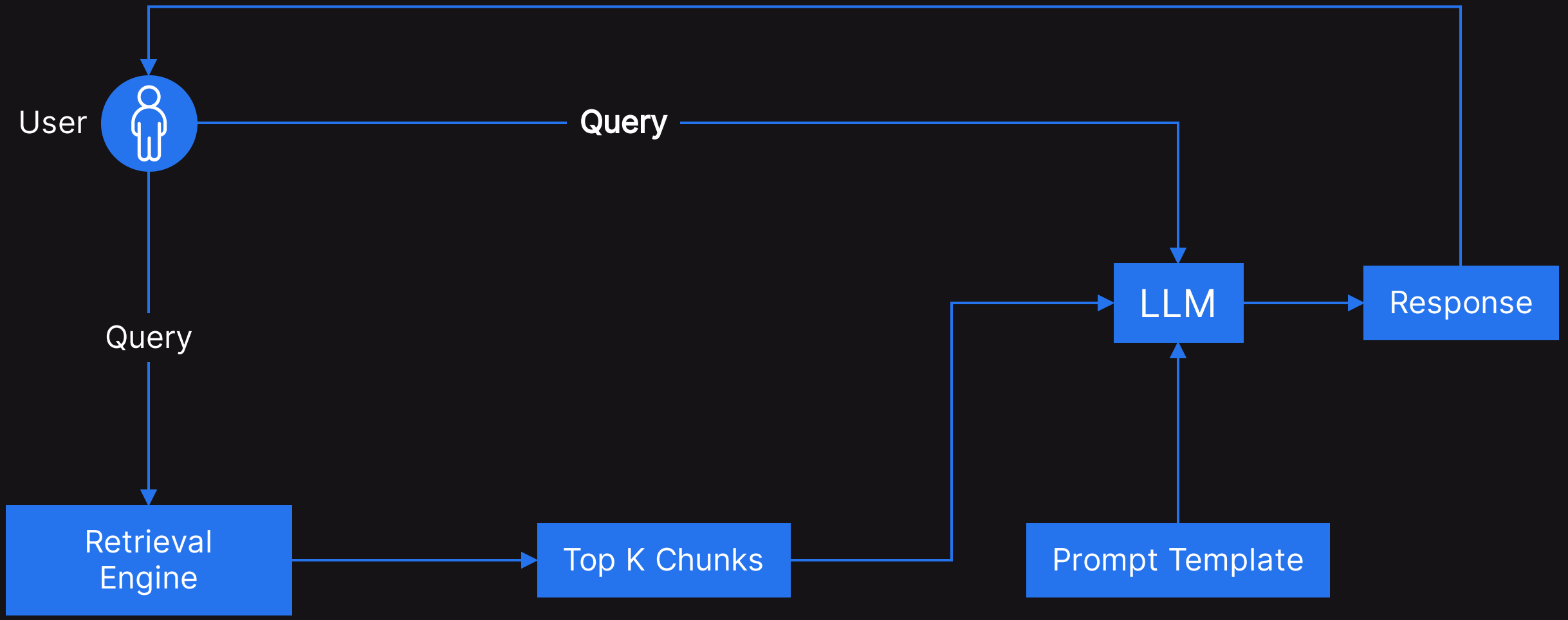
Steps Involved in RAG

3. Retrieval



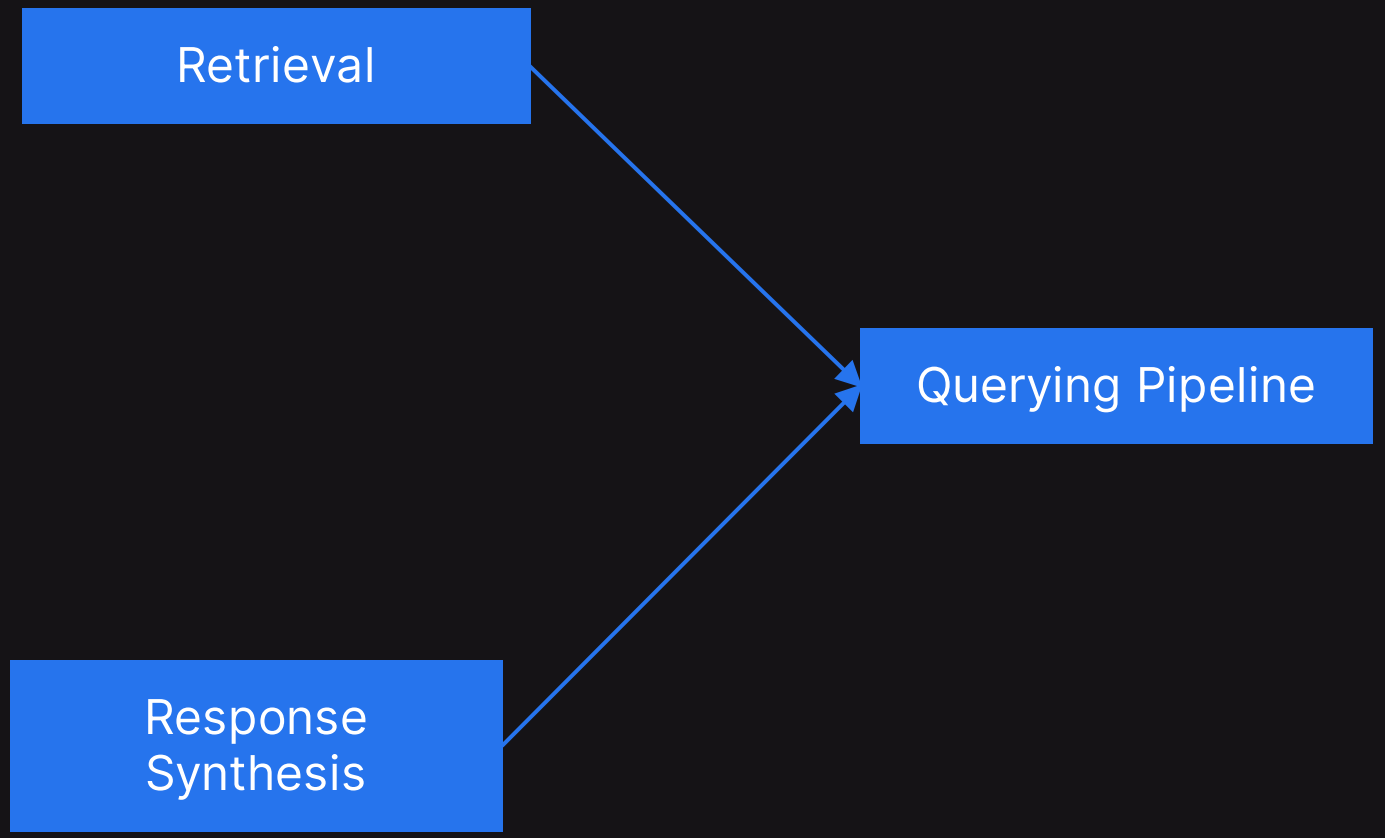
Steps Involved in RAG

4. Response Synthesis



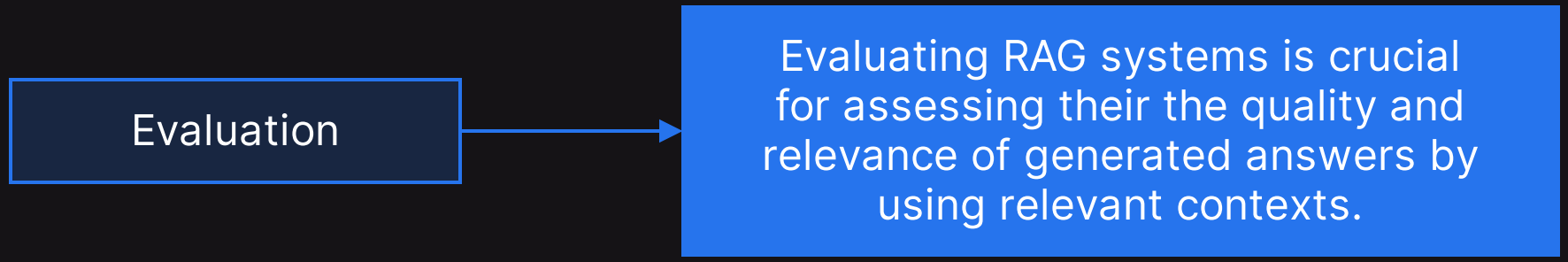
Steps Involved in RAG

5. Query/Chat Engine

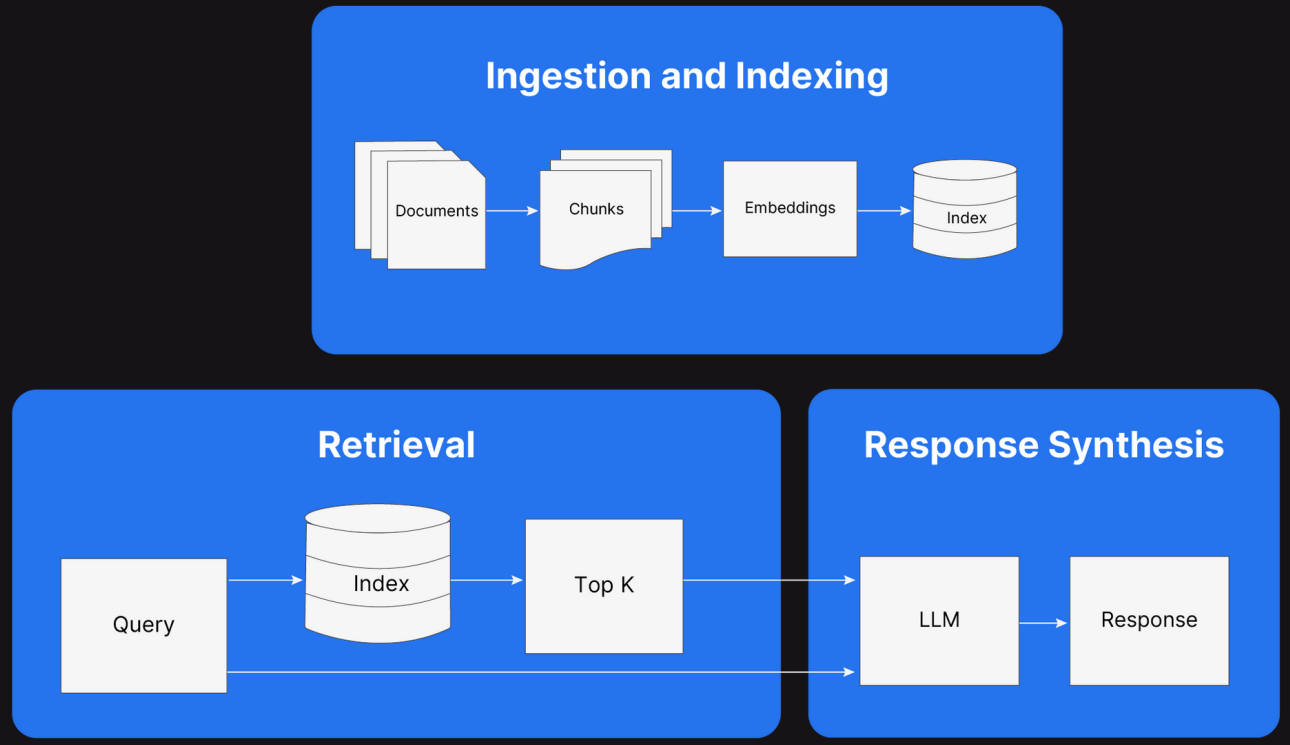


Steps Involved in RAG

6. Evaluation



RAG Framework



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Thank You

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