Technical Implementation

MongoDB fit perfectly

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MongoDB serves as the knowledge base, storing structured medication data and vector embeddings of patient reviews

Vector search enables semantic understanding of user queries about medications and conditions

Agentic capabilities allow the system to determine when to search for information versus when to recommend professional

RAG architecture integrates retrieval results with LLM processing to generate accurate, contextual responses

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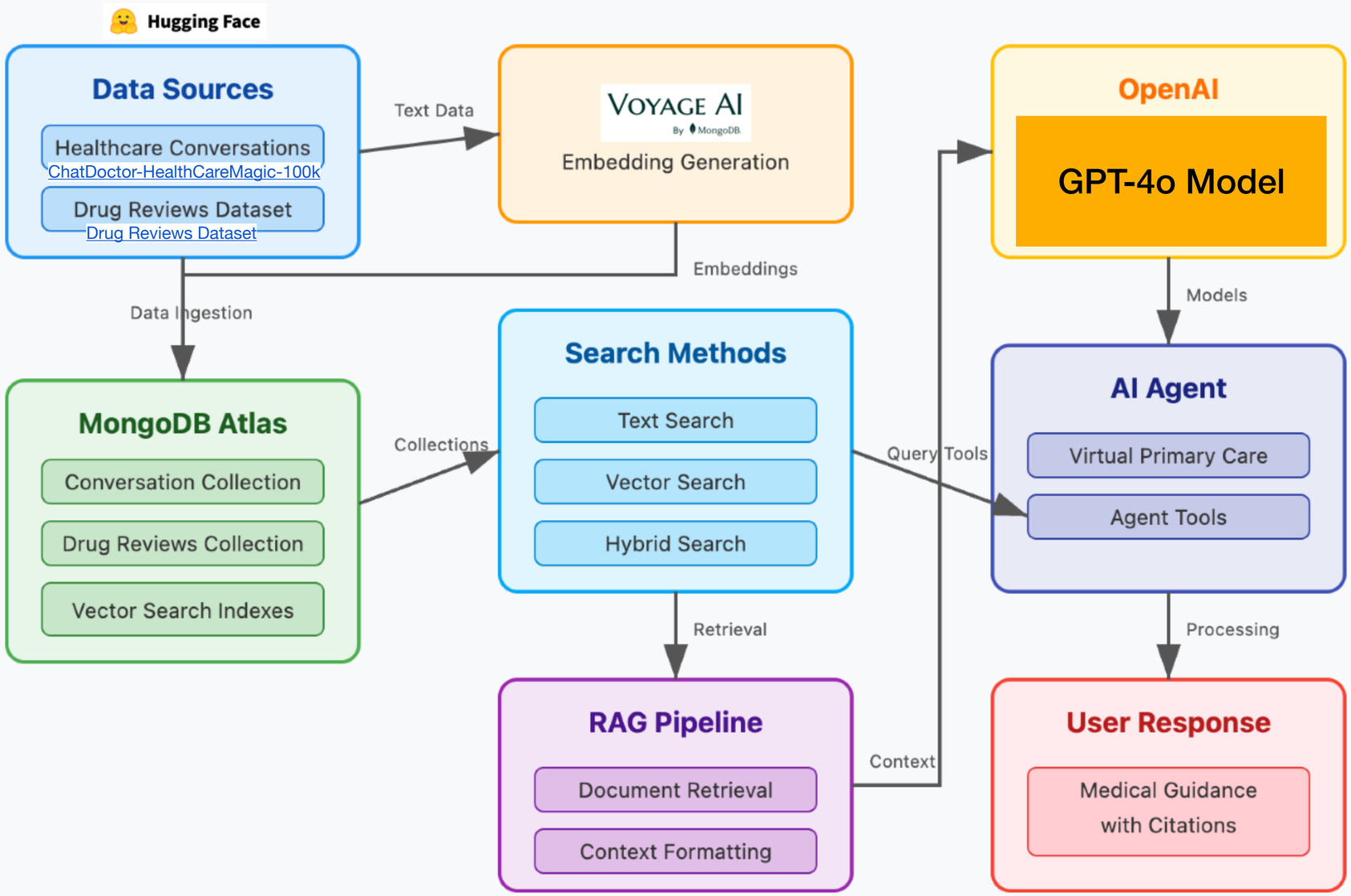
Virtual Primary Care Assistant System Architecture



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