

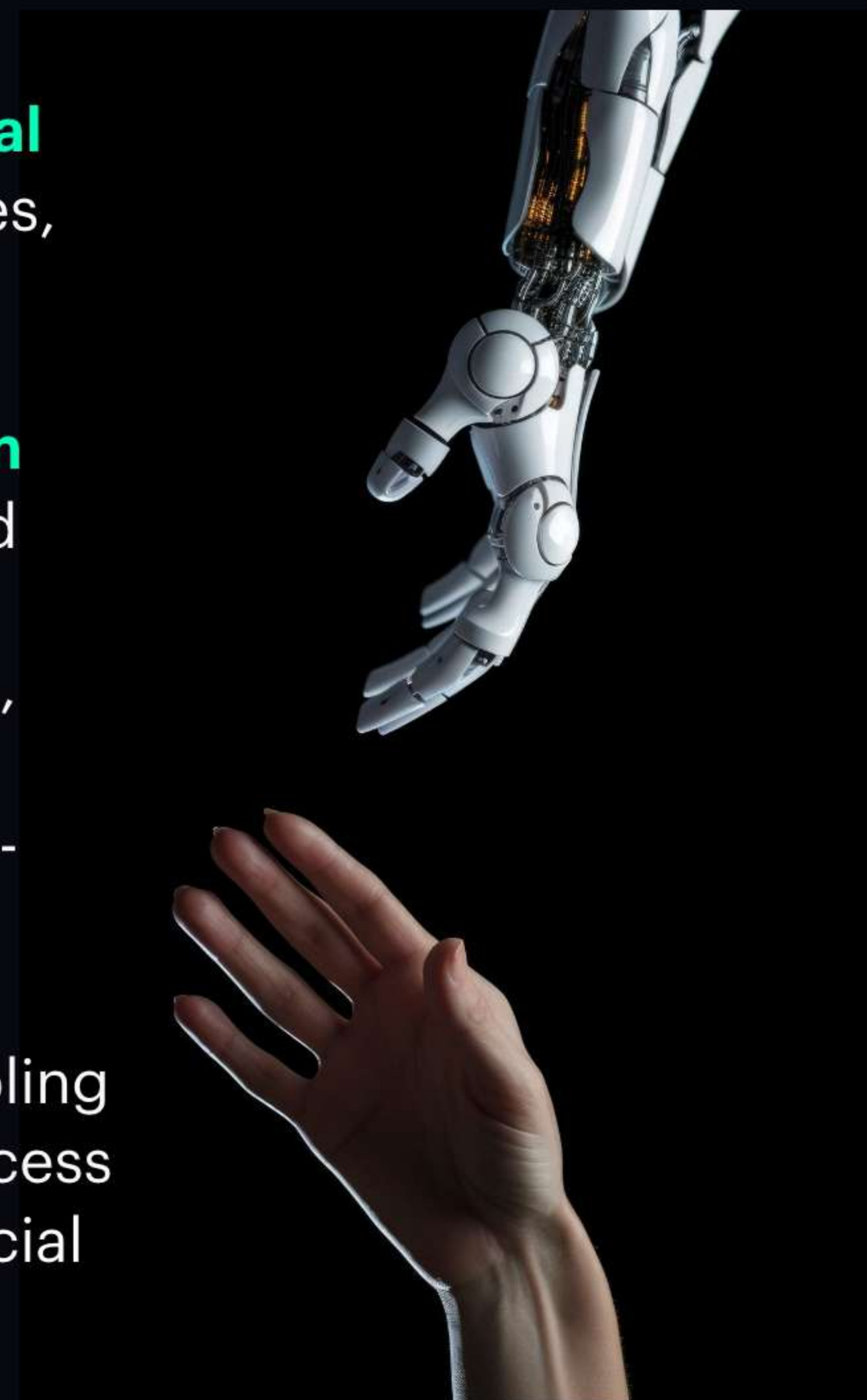
CoroAssist

Powered By *CoRover.ai*

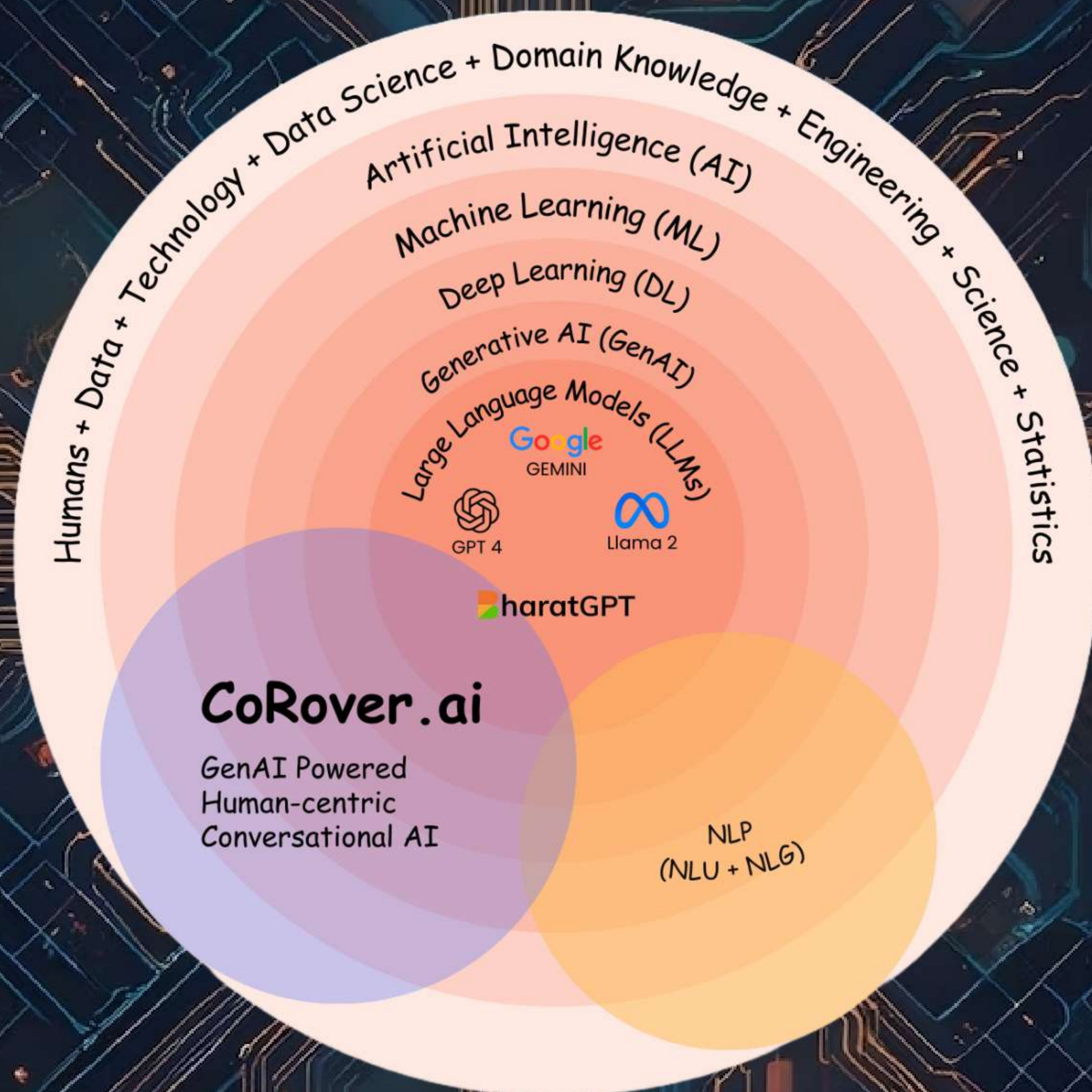
Gen AI-powered Information Retrieval System

The objective of CoroAssist™ for enterprises is to **provide a path breaking Gen AI Information Retrieval System** for various stakeholders, including employees, consumers, vendors, suppliers, and clients.

Powered by CoRover.ai's LLM, **BharatGPT**, the system **leverages a secure and industry specific LLM**-based RAG framework. This enables the swift retrieval of accurate, real-time information from reliable sources, revolutionising how users access and interact with crucial data via Virtual Assistants (Multi-lingual, Multi-Channel, Multi-Format, including voice). The primary goal is to **enhance effectiveness, efficiency, and transparency** across the enterprise ecosystem, enabling optimised decision-making and ensuring overall success while preventing repetitional, compliance, and financial losses due to a lack of knowledge and timely information.

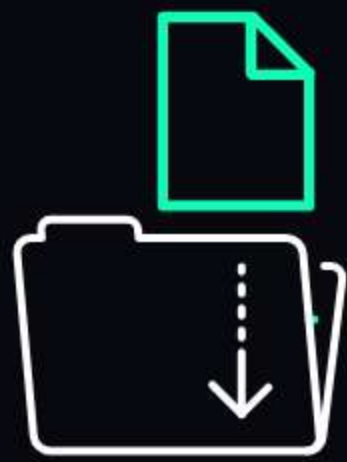


CoroAssist™ offers a suite of features and benefits that not only prioritize real-time access to reliable information but also emphasize transparency, versatility, security, and accuracy. The result is an enhanced user experience, fostering informed decision-making and overall success within the enterprise ecosystem.

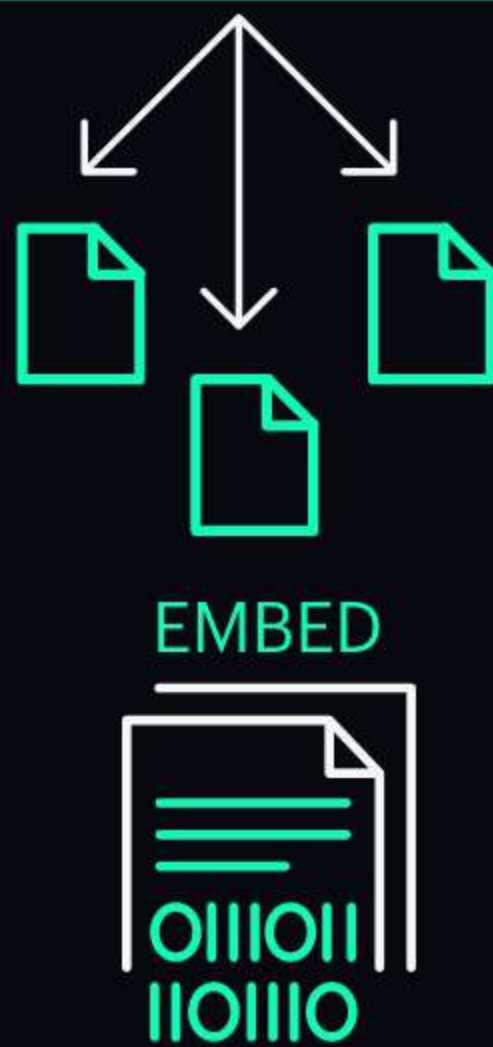


Retrieval-Augmented Generation (RAG)

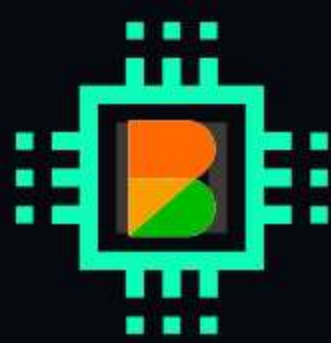
INDEXING



◀ **Load** - It begins by loading the data using DocumentLoaders.



◀ **Split** - Text splitters divide documents into smaller chunks. This proves beneficial for both indexing data and feeding it into a model. Large chunks are challenging to search through and do not fit within a model's finite context window.

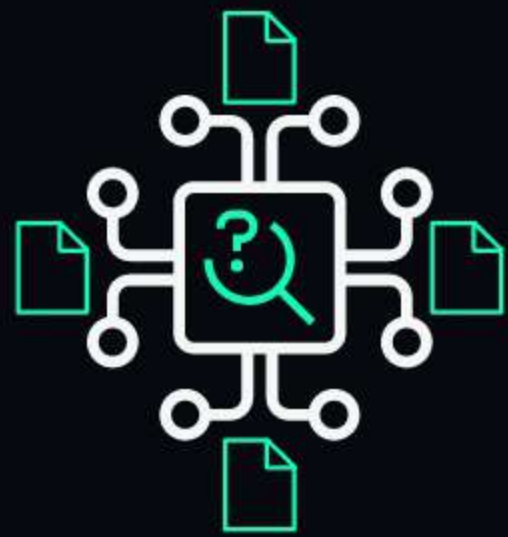


◀ **Store** - We store and index the splits, enabling them to be searched later. This process is frequently accomplished through a combination of VectorStore and Embeddings model.

RETRIEVAL AND GENERATION



Query



◀ **Retrieve** - When presented with user input, relevant splits are retrieved from storage utilising a Retriever.



Prompt

▶  **BharatGPT**



Response

◀ **Generate** - The ChatModel/LLM crafts responses by employing a prompt that encompasses both the question and the retrieved data. These generated responses are contextual, and for transparency, reference links or splits from the provided data or knowledge base are presented to the user.

LET'S WORK
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TOGETHER