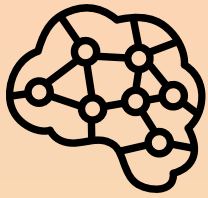


LLM Lingo: Must-Know Terms

Part 1

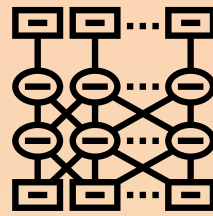
Created By: Aishwarya Naresh Reganti

Foundation Model



LLM designed to generate and understand human-like text across a wide range of use-cases

Transformer



A popular LLM design known for its attention mechanism and parallel processing abilities

Prompting



Providing carefully crafted inputs to an LLM to generate desired outputs

Context-Length



Maximum number of input words/tokens an LLM can consider when generating an output.

Few-Shot Learning



Providing very few examples to an LLM to assist it in performing a specific task.

Zero-Shot Learning



Providing only task instructions to the LLM relying solely on its pre-existing knowledge

RAG



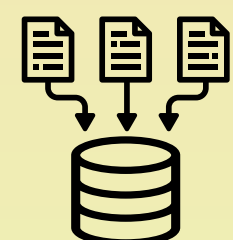
Retrieval-Augmented Generation. Appending retrieved information to improve LLM response

Knowledge Base(KB)



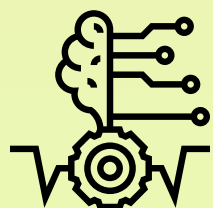
Collection of documents from which relevant information is retrieved in RAG

Vector Database



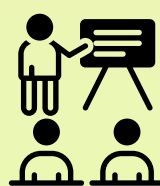
Stores vector representations of the KB, aiding the retrieval of relevant information in RAG.

Fine-Tuning



Adapting an LLM to a specific task or domain by further training it on task-specific data.

Instruction Tuning



Adjusting an LLM's behavior during fine-tuning by providing specific guidelines/directives

Hallucination



Tendency of LLMs to sometimes generate incorrect or non-factual information.