VIVA Learning Outcomes

I answered all the questions regarding my codebase, however I got some RAG and prompt-based questions wrong.

Q1. Explain the Augmentation step in context of RAGs.
Ans. Augmentation part refers to the crucial step where the retrieved information is combined with the user's original query to create an enhanced or "augmented" prompt that is then fed to the Large Language Model (LLM).

Q2. How is the information fed to the LLMs in the Augmentation step?
Ans. The core idea of how information is fed to a Large Language Model (LLM) in a Retrieval-Augmented Generation (RAG) system is through contextualizing its input prompt. Instead of just giving the LLM your raw question, the RAG system intelligently constructs a richer, more informative prompt that includes relevant retrieved data.

Q3. What is a prompt? Explain prompt engineering.
Ans. Let's elaborate a bit more on prompts and prompt engineering, keeping it concise.

A prompt is essentially the instruction, question, or context you provide to a Large Language Model (LLM) to initiate a response. It's how you communicate your intent to the AI. Think of it as the starting point for the LLM's thought process. Prompt engineering is the iterative process of designing, refining, and optimizing these prompts to achieve specific and desirable outcomes from an LLM.