

LLM Apps

Langchain: Prompts and Prompt Templates

What are prompts?

- A prompt is what we tell a language model. This input will guide how it responds.
- There are many types of prompts.
- Langchain has a repository of useful recipes for prompts.

What are Prompt Templates?

- Prompt templates are pre-defined “recipes” for building prompts, which usually lack a piece of information that the user will add.

Example: prompt and prompt template for LLM Model

- We load the PromptTemplate module.
- We create the prompt template.
- We create the user's input that completes the input_variables.
- We create the final prompt with .format()
- We execute the prompt.

Example: prompt and prompt template for Chat Model

- We load the ChatPromptTemplate and HumanMessagePromptTemplate modules.
- We create the chat prompt template with .from_messages:
 - HumanMessagePromptTemplate.from_template
- We create the user's input that completes the input_variables.
- We create the final prompt with .format_messages()
- We execute the prompt.