ASSIGNMENT

**<u>LLMs</u>

  ***Understand and explore the capabilities of Large Language Models (LLMs).

      1) Load and query any pre-trained LLM (Mistral or zephyr)

  using Hugging Face Transformers.

      2) Generate text given a prompt.

** <u>Prompt Engineering</u>

***Analyze how different prompt formats affect output quality.

      1) Pick a simple LLM (EX: FLAN-T5).

      2) Create tasks like generation, summarization, Q&A, translation.

      3) Try few-shot, zero-shot, and chain-of-thought prompting.

      4) Compare outputs and mention short analysis in the form of comment lines.