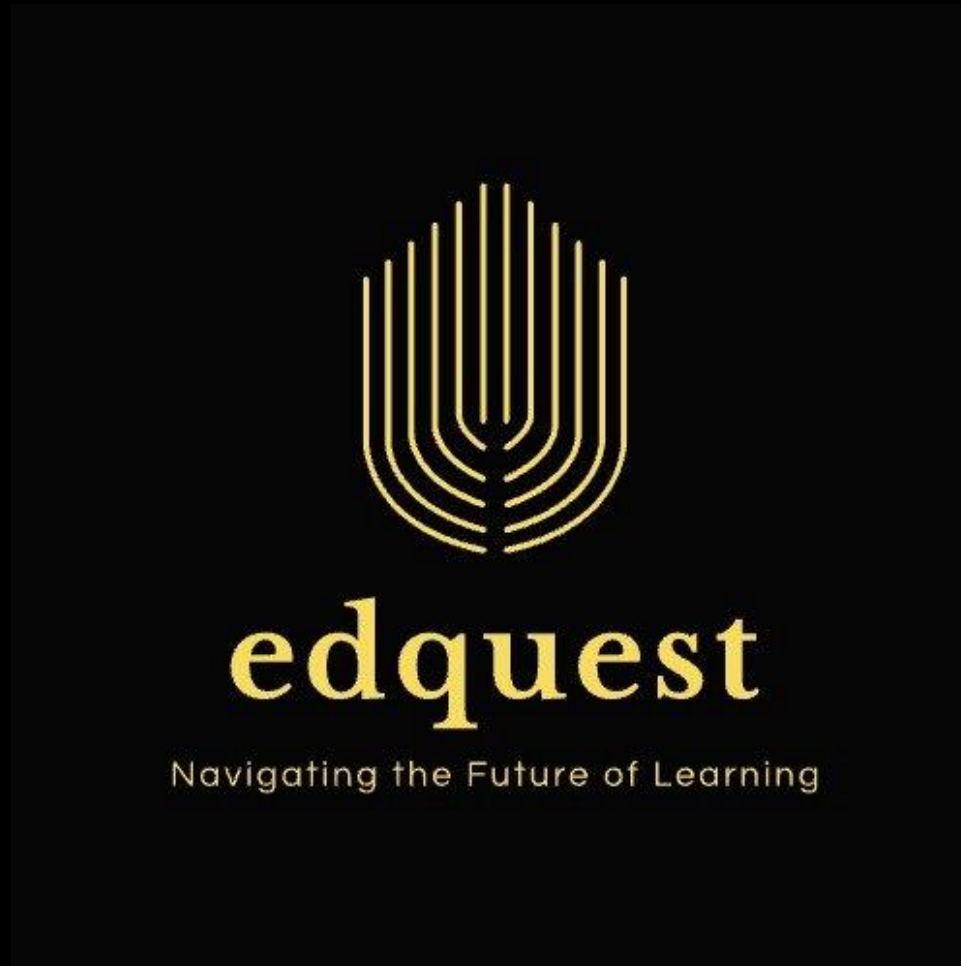


# The Generative AI Revolution: A Month-Long AI Exploration





# Agenda

- › Create PPT by using ChatGpt
- › Hello World with Gemini Pro [Reference](#)
- › Student Assistant [Reference](#)
- › Financial Assistant [Reference](#)
- › Prompt Engineering
  - Basic Prompt Engineering
  - Chain of Thoughts
  - Few-shot prompting



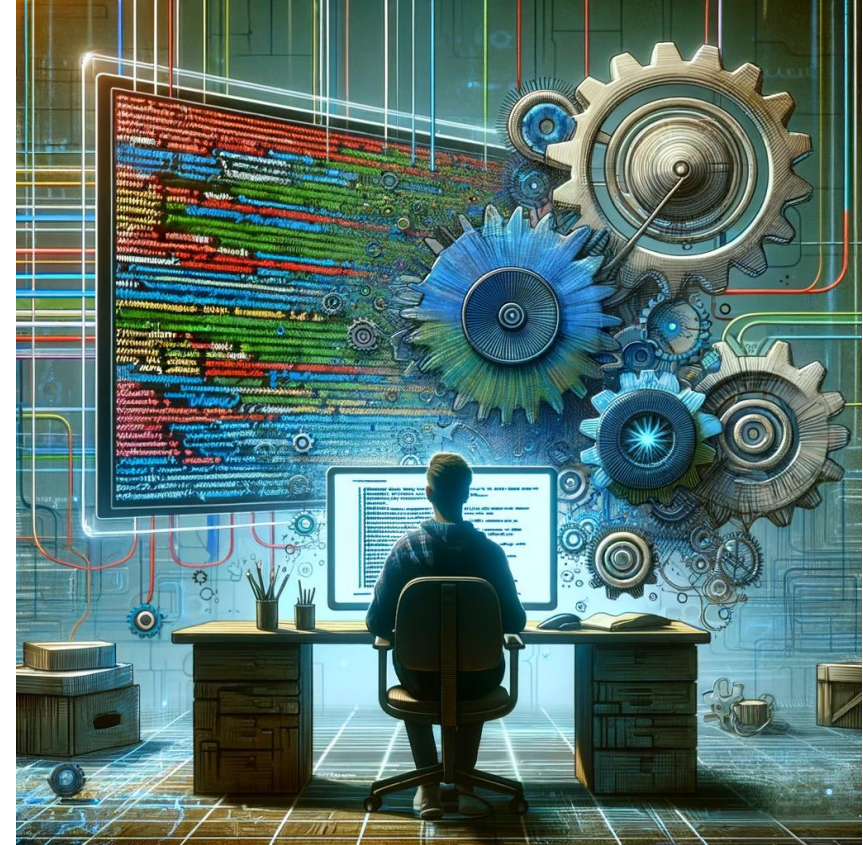
# Prompt Engineering

What is prompting

Importance of prompting

Structure of a good prompt

Enhancing LLM capabilities using advanced prompting techniques





# What is prompt ?

A prompt refers to the **input provided to the model to generate a response**. The prompt can be a **question**, **instruction**, or any form of input **text that guides the model** in *producing relevant output*.

# What is prompt engineering?

Prompt engineering is the process of **designing and optimizing prompts** used in **natural language processing (NLP)** models, such as ChatGPT, chatbots, or virtual assistants. This involves **crafting prompts that are clear, concise, and effective in eliciting the desired response**.

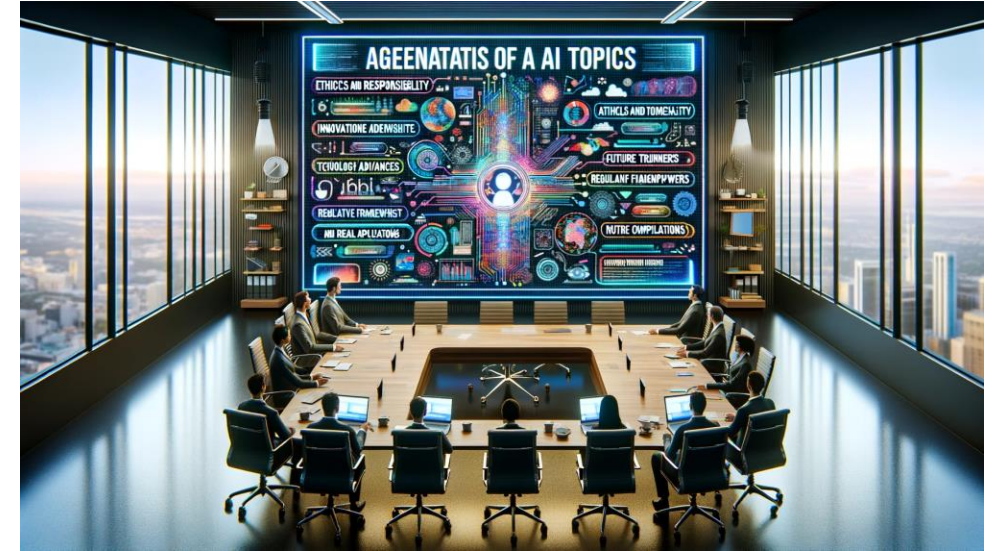
# Engineering a Good Prompt

## Prompting Principle – 1

*(Providing Clear instructions)*

## Five components of a good prompt:

1. Explicitly state the **task** to be performed to get the required output
2. **Role** of the language model for performing the task
3. **Context** in which the task must be done
4. **Guidelines** on how to perform the task
5. The desired **output format** of the ideal response





# Thank You!

