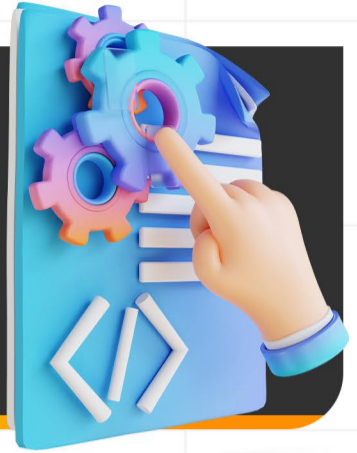


101: Prompt Engineering

What is Prompt Engineering?

Prompt engineering refers to crafting effective cues for **AI models**, enabling precise output generation.

Prompts empower **AI** to create text, visuals, music, or diverse creative expressions tailored to user needs by **leveraging AI's capabilities**.



Elements of a Prompt



Instruction

A specific task or directive for the model.



Context

External information to better the response.



Input Data

The question or input for which you request a reply.



Output Format

The desired type or format of the response.

Types of Prompts to test

1

Role Prompting

User commands AI to role-play specific characters, altering responses.



Input

Act as William Shakespeare and discuss modern technology.

Input
Summarize this article like a news report.



Shot Prompting

Use short, clear prompts for specific and concise answers.

2

Option-based Prompting

AI chooses the best option using available information.



Input

Choose the most energy-efficient home appliance from the following list.

3

Input
Write a statement about climate change and provide further insights.



Leading Prompting

Guide AI with a statement for focused response.

4

5

Open-ended Prompting

The AI model fosters creativity, imagination, and subjective responses.



Input

Invent a new fictional character whose superpower is coding.