Getting Better Results from AI Tools

Prompt Engineering
Heuristic Prompting & Meta Prompting

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Why Prompts Matter

Prompts are the bridge between your intent and the AI's output.

AI is like an assistant.

Outcome depends on the instruction.

Vague prompt - vague and generic response.

"Garbage in ⟶ Garbage out"

Good vs Better Prompting

"Explain climate change."

➔ No Role 😏
➔ No Context 😒
➔ No Constraint 😑

"Explain climate change in 5 sentences for high school students."

➔ Role - Implied Teacher/ Educator 😏
➔ Context - High School Student 😃
➔ Constraint - 5 Sentences 😎

Role = Who should the AI act as

Context = Background/audience/scenario

Constraints = Rules, limits, or format for the answer

Why learn prompting?
But ChatGPT-5 is already very advanced?

Prompting is like giving directions - It can't read mind unless you tell yourself

Prompt engineering technique we will be covering today.

➔ **Few Shots**
➔ **Heuristics**
➔ **Meta**
➔ **COT**
➔ **Contrastive**
➔ **Persona**

Thank You