Introduction to AI and Prompt Engineering

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Understanding AI and Prompt Engineering

"Hi everyone! Today, we're diving into the world of AI and a fascinating aspect called prompt engineering.

By the end of this session, you'll understand how to craft effective prompts to get the best responses from AI models."

What is Prompt Engineering?

"Prompt engineering is all about crafting questions or statements to get the best possible responses from AI models.

Think of it as giving clear instructions to a very smart assistant."

Types of AI prompts

1. Creative
2. Informational
3. Reasoning
4. Listicle
5. Instructional
6. Interactive
7. Keyword

Why is Prompt Engineering Important?

"Imagine asking a vague question and getting a confusing answer.

Prompt engineering helps avoid that by making your questions clear and specific, so the AI understands exactly what you need."

How to Create Optimized AI Prompts

1. Determine what your goals are for using AI tools

2. Perform tests

3. Consider using machine learning methods

4. Separate your instructions

5. Try to be as specific or descriptive as possible
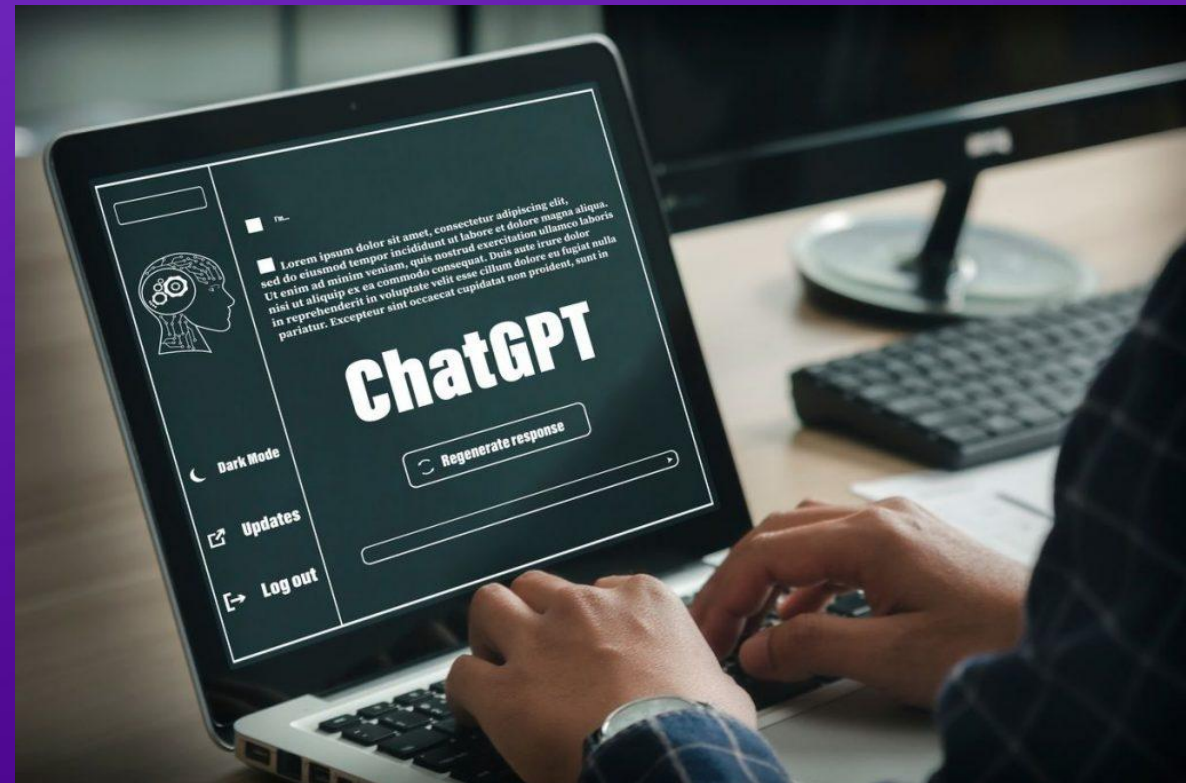
6. Use examples

Basic Example of a Prompt

OpenAI
GPT-5

ChatGPT

"Let's start with a simple example. If you ask, 'Tell me about cats,' the AI might give a general answer.

But if you ask, 'Tell me about the history of domestic cats,' you'll get a more focused response."

How to Craft Effective Prompts

- "To craft effective prompts, be clear, specific, and concise.

- Use keywords that guide the AI towards the kind of response you want."

- "Adding context helps the AI understand your request better.

- For example, instead of saying 'Translate this,' you could say, 'Translate this English sentence to Spanish.'"

MOBILUNITY

AI **VS** PROMPT

Responsible for creating machine algorithms that can understand and write texts, recognize human speech and reply, analyze and create images and videos and produce code.

Responsible for crafting and improving text queries or instructions (prompts) to AI instruments. And the more specific this input is, the more relevant the result you get.

Experimenting with Prompts

- "Don't be afraid to experiment with your prompts. Try different phrasings and see how the AI responds. This will help you learn what works best."

For an individual relationship

REFLECT: How does this question compare to the previous – what is the same and what is different?
Why would that change affect the answer in that way?

EXPECT: Did anybody expect something different and can articulate why?

EXPLAIN: Can anybody explain why the answer is this in two different ways

Real-World Applications of Prompt Engineering

- "Prompt engineering is used in many real-world applications like chatbots, virtual assistants, and content generation tools.

- It helps improve the interaction between humans and AI."

- "The best way to get better at prompt engineering is to practice.

- Try crafting different prompts and see how the AI responds. And don't forget to ask for feedback from peers or mentors!"

- Great job! You've learned the basics of AI and prompt engineering. Remember, clear and specific prompts lead to better AI responses. Keep practicing, and you'll become a pro in no time!