

Prompt Engineering Techniques by Azure

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1. **System Prompt**: The initial instruction that sets the context for the LLM.
 2. **User Prompt**: The input provided by the user.
 3. **LLM**: The Large Language Model.
 4. **Prompt Engineering**: The process of designing and refining prompts to achieve desired outputs.

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1. **System Prompt**: AI Assistant
 2. **User Prompt**: "Hello, how are you?"
 3. **LLM**: "I'm doing well, thank you for asking!"
 4. **User Prompt**: "Can you help me with a task?"
 5. **LLM**: "Of course! What do you need?"

1. System Prompt

- **Instructions**: The task or goal you want the AI to perform. "Write a story about a dragon." "Explain the concept of quantum physics."
- **Primary Content**: The main information or context provided to the AI. "The dragon lived in a cave deep in the mountains."
- **Examples**: Examples of the desired output format. "The dragon was as big as a castle." "The dragon's scales were as hard as steel."
- **Cues**: Words or phrases that trigger the AI to perform a specific action. "Write a story about a dragon." "Explain the concept of quantum physics."
- **Supporting Content**: Additional information that helps the AI understand the context. "The dragon lived in a cave deep in the mountains."

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1. **System Prompt**: Few-shot Learning
 2. **User Prompt**: "Hello, how are you?"
 3. **LLM**: "I'm doing well, thank you for asking!"
 4. **User Prompt**: "Can you help me with a task?"
 5. **LLM**: "Of course! What do you need?"

1. **System Prompt**: Break the Task Down
 2. **User Prompt**: "Hello, how are you?"
 3. **LLM**: "I'm doing well, thank you for asking!"

1. **System Prompt**: Chain of Thought
 2. **User Prompt**: "Hello, how are you?"
 3. **LLM**: "I'm doing well, thank you for asking!"

1. **System Prompt**: AI
 2. **User Prompt**: "Hello, how are you?"
 3. **LLM**: "I'm doing well, thank you for asking!"

Hallucination ☐ ☐ ☐

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