



Prompt engineering

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01

Prompt engineering is the process of structuring natural language inputs (known as prompts) to produce specified outputs from a generative AI model.

02

Effective prompt engineering involves understanding how a model interprets language, and may include techniques such as few-shot prompting, chain-of-thought prompting, and role assignment.

03

A prompt is some natural language text that describes and prescribes the task that an artificial intelligence (AI) should perform.

04

Research consistently demonstrates that LLMs are highly sensitive to subtle variations in prompt formatting, structure, and linguistic properties.

05

Recent research has explored automated prompt engineering, using optimization algorithms to generate or refine prompts without human intervention.

06

While LLMs are designed to follow trusted instructions, they can be manipulated into carrying out unintended responses through carefully crafted inputs.

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