PROMPT METHOD

Chain Of Thought

Definition: Chain of Thought Prompting is a dynamic technique that builds upon the previous prompts and responses to create a coherent AI discussion.

You are driving this interaction by creating an initial prompt and then asking more related questions.

You may or may not have a plan in your human mind how you would like this to proceed.

Example

- Describe a public park on a weekend afternoon
- Great. What type of music is playing and can you describe the performers
- Describe the Yoga activity in detail
- Help me to create a video teaching managers how to onboard new team members
- Create a script for the Communication and Collaboration part.

ReAct Prompting

ReAct prompting (Think Reasoning/Action Explanations by AI)

ReAct prompting is a way of telling an LLM what to do and how to do it.

It works by breaking down the task into a series of steps, and then prompting the LLM to explain its reasoning and an action for each step.

The reasoning trace is a description of the LLM's thought process for each step. It helps the LLM to understand the task and to make decisions about how to proceed.

Example

You are a marketing copywriter for a new product. It is a lightweight and affordable Kayak.

Your goal is to generate a compelling marketing message that will persuade customers to buy the product.

Generate a reasoning trace and an action for each sentence of the marketing copy.

Zero-Shot Prompting

In zero-shot prompting, the AI model is not fine-tuned on the specific prompt, but it uses its general knowledge and understanding of language to generate a response that fits the context provided in the prompt.

Create a Facebook ad encouraging people to come to our Zoo where we have a new baby Pink Panda.

Few Shot Prompting

Few-shot prompting is a technique in AI language models that involves providing a small amount of additional context or examples to guide the model's response, even though it may not have been extensively fine-tuned on that specific context.

While zero-shot prompting involves generating responses without explicit training on a given prompt, few-shot prompting provides a limited amount of related information to help the model understand the desired task or context better. This allows the model to adapt and generate more relevant responses with the provided context.

Example

Create a Facebook ad encouraging people to come to our Zoo where we have a new baby Pink Panda. Her name is Paula, and she loves to fuggle and rarter.

Fuggle means jump up and down excitedly.

Rarter means sleep in the shade.

Difference Between Zero And Few Shot Prompting

Zero-shot Prompting:

Definition: Zero-shot prompting involves providing a prompt to the AI model without any additional examples or fine-tuning on that specific prompt.
Process: The model uses its general language understanding and pre-trained knowledge to generate a response based solely on the given prompt.
Flexibility: Zero-shot prompting is highly flexible and versatile, allowing the model to generate responses for a wide range of tasks and contexts, even those it hasn't seen during training.

Few-shot Prompting:

Definition: Few-shot prompting involves providing a small amount of additional context or examples along with the prompt to guide the model's response.
Process: The model uses the provided context or examples to better understand the desired task or context, even though it may not have been extensively fine-tuned on that specific prompt.
Adaptation: Few-shot prompting allows the model to adapt to specific tasks or contexts by providing a limited amount of relevant information.

Self-Consistency Prompting

Self-consistency prompting is a technique used in AI prompt engineering to guide the generation of content by instructing the AI model to provide responses that are consistent with a predefined theme, style, or set of information.

It focuses on maintaining coherence and continuity in the generated content by adhering to a specific context or constraint.

In self-consistency prompting, the AI model is directed to generate responses that align with the established theme or parameters, ensuring that the content it produces remains cohesive and on-topic.

Example

- Write a series of dialog between two characters of a old Hindi Film Story. Ensure the dialogues consistently reflect the accent used in Northern India in 1950s.

Multi-Model

Multimodal prompting is a technique in AI prompt engineering that involves providing input or instructions to an AI model in multiple modalities, such as combining text, images, audio, or other types of data.

This approach enables the model to generate responses that integrate information from different sources, resulting in more comprehensive and contextually rich outputs.

By utilizing multiple modalities, multimodal prompting can enhance the AI model's ability to understand and generate content that requires a combination of sensory inputs, making it particularly effective for tasks that involve complex or diverse information.

https://www.midjourney.com/ https://www.imagine.art/

LIMITATION OF LLM

- Bias & Fairness
- Complex Tasks
- Control Vs. Creativity
- Pre-Training
- Contextual Understanding
- Misinformation & Manipulation
- Bias & Harmful Content
- Accountability & Attribution
- Unintended Consequences
- Information Privacy
- Transparency
- Hallucination – Confidently Wrong