

What is Chain of Thought Prompting?



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Chain-of-thought (CoT) prompting is an advanced technique in artificial intelligence that enhances language models' ability to perform complex reasoning tasks by encouraging them to articulate intermediate steps in their problem-solving process. Introduced by researchers at Google Brain, this method has shown promising results in improving AI performance on tasks requiring logic, calculation, and decision-making.

What Is Chain of Thought Prompting?

Chain-of-thought (CoT) prompting is a technique that involves providing a series of prompts to an AI model to guide it through a logical chain of reasoning. This approach helps the model to break down complex problems into smaller, more manageable steps, making its thought process transparent and understandable. By encouraging the model to explain its reasoning, CoT prompting can lead to more accurate and reliable AI outputs, particularly in domains like mathematics, science, and natural language processing where step-by-step logic is crucial.