Chain-of-Thought Prompting

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Chain-of-Thought Prompting is a vital technique for enhancing the reasoning capabilities of large language models by breaking down complex problems into intermediate steps that lead to a solution. By providing models with a line of reasoning, they can more effectively tackle problems that require more advanced problem-solving processes, enabling them to deduce information, such as the number of cookies in a box, after considering all variables.

Technical Terms Explained:

Chain-of-Thought Prompting: A method of guiding a language model through a step-by-step reasoning process to help it solve complex tasks by explicitly detailing the logic needed to reach a conclusion.