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One and few-shot prompting represent cutting-edge techniques that enable AI to adapt and perform tasks with minimal instructions. Instead of relying on extensive databases for learning, these methods guide generative AI through just one or a few examples, streamlining the learning process and demonstrating its ability to generalize solutions to new problems. This innovative approach marks a significant advancement in machine learning, empowering AI to quickly adjust to specialized tasks and showcasing the incredible potential for efficiency in teaching AI new concepts.

Technical Terms Explained:

One-shot prompting: Giving an AI model a single example to learn from before it attempts a similar task.
Few-shot prompting: Providing an AI model with a small set of examples, such as five or fewer, from which it can learn to generalize and perform tasks.

Quiz Question
What is the significance of one and few-shot prompting in the field of machine learning?
- They require large databases for AI to learn.
- They represent a shift towards requiring fewer examples for AI learning.
- They make AI less efficient and slower at learning.

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