1 point

1. You notice that the AI assistant is struggling to provide a coherent response to your complex prompt. Which technique should you consider to improve the quality of the response?

   ○ Rephrase the prompt using more technical jargon

   ○ Provide more context and instructions

   ○ Prompt the AI to explain its reasoning step-by-step

   ● Break down the task into smaller, more manageable prompts

1 point

2. An AI assistant consistently fails to provide accurate responses for a particular type of task. Which approach would be most effective in addressing this limitation?

   ○ Rephrasing the prompt in simpler language

   ○ Prompting the AI to explain its reasoning step-by-step

   ● Recognizing the AI's limitations and adjusting expectations or finding alternative solutions

   ○ Providing more context and examples to the AI

1 point

3. You want to encourage the AI assistant to provide more detailed explanations for its responses. Which prompting technique would be most effective?

   ○ Break down the task into smaller, more manageable prompts

   ○ Overload the AI with extensive context and instructions

   ● Prompt the AI to explain its reasoning step-by-step (chain of thought)

   ○ Rephrase the prompt using more concise language

1 point

4. You are working with an AI assistant to generate code samples in multiple programming languages. However, the AI's responses seem to be inconsistent and often incomplete. Which approach would be most effective in improving the quality of the responses?

   ○ Provide more context and examples of the desired code samples

   ● Break down the task into smaller, more manageable prompts for each programming language

   ○ Prompt the AI to explain its reasoning step-by-step

   ○ Rephrase the prompt using more technical programming jargon