Prompt engineering Types

| **Prompt Type** | **Description** | **Example Prompt** | **Explanation / Use Case** |
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| **1. Straightforward Prompting** | A **direct and simple prompt** that asks the AI exactly what you want, without giving extra context or examples. | 🗣️ “Summarize the article on blockchain technology in 100 words.” | This is the most basic form of prompting — easy to use and fast, but may lack depth or accuracy if the task is complex. Best for short, factual, or general questions. |
| **2. Tabular Format Prompting** | The prompt **instructs the AI to organize information in a table** (rows and columns). This improves clarity, comparison, and readability. | 🗣️ “List the advantages and disadvantages of blockchain technology in a table format with two columns.” | Useful for structured output like comparisons, pros & cons, data summaries, or evaluation results. Helps students quickly grasp key differences. |
| **3. Missing Word Prompting** | The prompt **contains an incomplete sentence or blank**, encouraging the AI to fill in the missing information based on context. | 🗣️ “Blockchain ensures data integrity through a \_\_\_\_\_\_ mechanism.” → (AI fills: ‘consensus’) | Helps test AI’s understanding or knowledge recall. Commonly used in quizzes, fill-in-the-blank exercises, and language learning tasks. |
| **4. Preceding Question Prompting** | The AI is first given a **related or guiding question before the main question**, helping it reason or narrow down context for better answers. | 🗣️ “What is the main goal of blockchain technology? Now explain how decentralization achieves that goal.” | Encourages step-by-step reasoning. Useful for educational and reasoning-based tasks — improves coherence and logical flow of answers. |

### ****Summary****

**Straight forward prompts** → direct and simple.

**Tabular prompts** → structured and easy to compare.

**Missing word prompts** → test AI’s knowledge or understanding.

**Preceding question prompts** → guide the AI’s reasoning path.