

## **PART2:**

*Explore the real-world impotence of prompt engineering by answer these following questions:*

### **QUESTION1:**

*Impact of prompt engineering on AI decision-making?*

*Prompt engineering helps AI tools like CHAT GPT give better and more useful answers.(user's questions or command) is written clearly and correctly,the AI can understand the task more easily and give accurate results.This is important in decision-making especially in fields like Medicine,Business,orLaw,where mistakes can be costly.*

**Example:**

*A well-structured prompt can help an AI analyze patient symptoms better and assist doctors in suggesting diagnoses.*

### **Source:**

*Open AI. Six strategies for getting better results.*

### **QUESTION2:**

*Can prompt engineering replace traditional programming:*

*Prompt engineering can help non-programmers do task that usually need coding, such as written Emails, Generating reports, or Creating code. But it cannot fully replace traditional programming. Programmers still need to write detailed, Secure, and Optimize code, especially for software development, Websites, and large applications.*

## **Conclusion:**

*Prompt engineering is a tool to support programming, not replace it.*

**Source:** OpenAI API (Application programming interface Documentation).

## **QUESTION3:**

*Real-world use cases (Marketing, writing, coding)?*

*Prompt engineering is already used in many fields:*

**Marketing:** *Creating product description, ad slogans, or social media captions.*

**Writing:** *Helping students write essays, generate story ideas, or check grammar.*

**Coding:** *Assisting developers in writing and debugging code using prompts.*

**Source:** OpenAI. Prompt engineering guide.

## **QUESTION4:**

*Ethical risks of misleading prompts?*

*Misleading or biased prompts can lead AI to give wrong or harmful answers. This is dangerous in areas like news, healthcare, or education. For example, if someone give an incorrect medical prompt, the AI might give the wrong advice. Prompt engineers must be honest, fair, and responsible when designing prompts.*

**Source:** OpenAI.

## **QUESTION5:**

*How can it be applied in education or healthcare?*

**In Education:** 1: Helping students learn faster with AI tutors.

2: Creating quizzes and summaries from textbook content.

3: Assisting teachers in lesson planning.

***In Healthcare:*** 1: *Helping doctors by summarizing patient reports.*

2: *Suggesting possible diagnoses from symptoms.*

3: *Translating medical instructions for patients.*

***Source:***

*OpenAI.Health use cases.*

***THE END.***