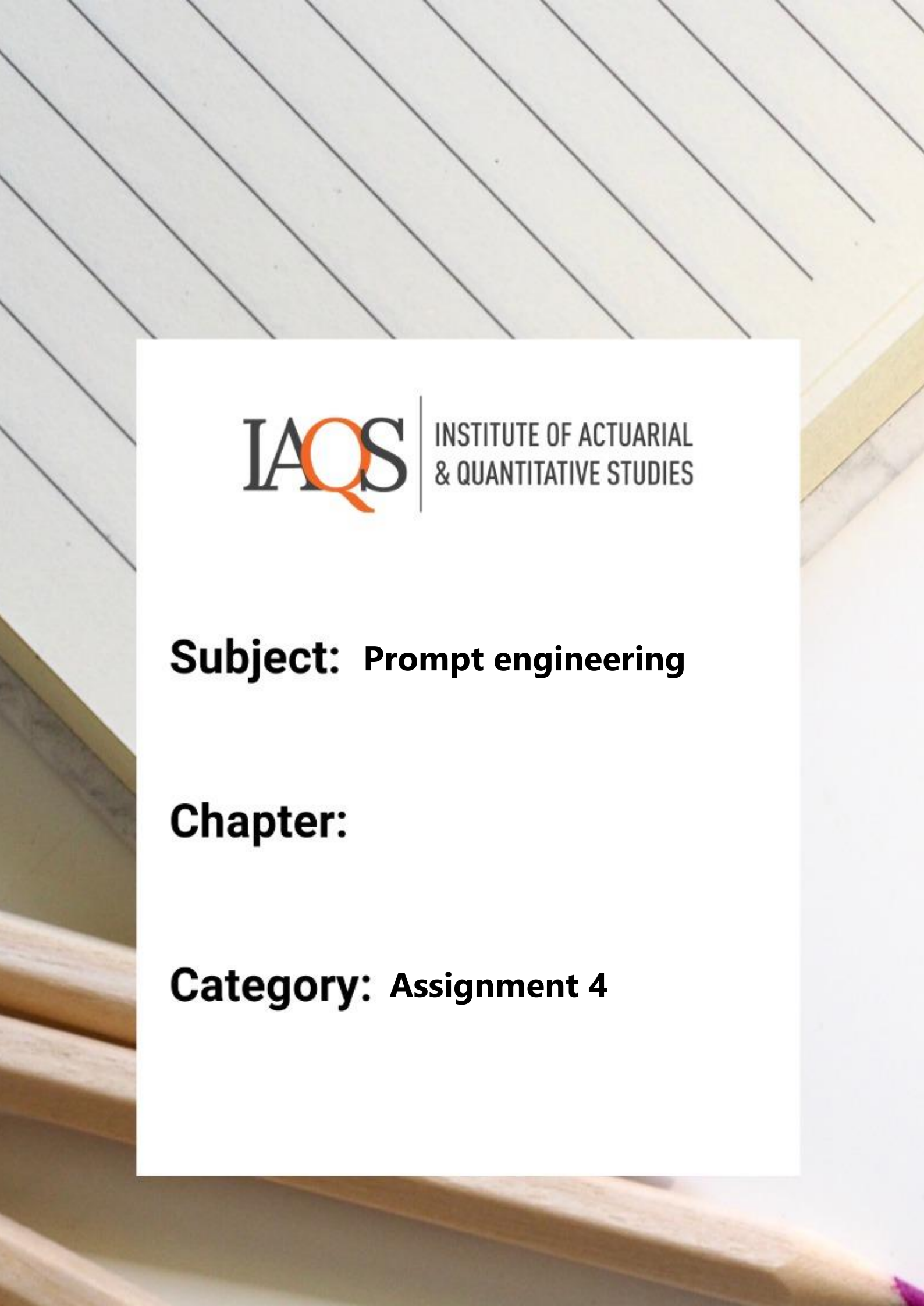

Subject: Prompt engineering

Chapter:

Category: Assignment 4

MCQs

1. Scenario: You are designing a prompt for a survey about customer satisfaction for a fast-food restaurant. Which of the following prompts is likely to generate the most insightful responses?

a) "Rate your satisfaction with the restaurant's service on a scale from 1 to 5."

b) "Describe a recent experience you had at the restaurant and what aspects of it contributed to your overall satisfaction or dissatisfaction."

c) "How often do you visit the restaurant in a month?"

d) "Are you satisfied with the restaurant's menu variety? (Yes/No)"

2. Scenario: You are conducting a study on student engagement in online learning environments. Which of the following prompts is most likely to encourage detailed responses?

a) "Do you find online classes engaging? (Yes/No)"

b) "What specific aspects of online classes do you find engaging or challenging?"

c) "Rate your overall satisfaction with online learning from 1 to 5."

d) "How many hours per week do you spend on online classes?"

3. Scenario: You are designing a feedback prompt for a new mobile app. Which of the following prompts is likely to provide the most actionable feedback for improving the app?

a) "Did you enjoy using the app? (Yes/No)"

b) "Rate the app's user interface on a scale from 1 to 10."

c) "What features of the app do you like the most?"

d) "Describe any difficulties you encountered while using the app and suggestions for improvement."

4. Scenario: You are creating a prompt for a research study on public transportation usage. Which of the following prompts is likely to yield the most insightful data?

a) "How often do you use public transportation?"

b) "Describe your typical experience when using public transportation, including any challenges you face."

c) "Rate the cleanliness of public transportation vehicles on a scale from 1 to 5."

d) "Are you satisfied with the frequency of public transportation services? (Yes/No)"

5. Scenario: You are designing a prompt for a study on workplace satisfaction. Which of the following prompts is most likely to provide nuanced insights into employees' experiences?

a) "Are you satisfied with your current job? (Yes/No)"

b) "What aspects of your job contribute most to your overall satisfaction or dissatisfaction?"

c) "On a scale from 1 to 10, how happy are you with your salary?"

d) "How many hours per week do you work on average?"

ASSIGNMENT 4

6. Which of the following is NOT a key consideration when designing prompts for financial applications?

a) User-friendliness

b) Complexity

c) Efficiency

d) Accuracy

7. In the context of insurance claim processing, why is prompt design important?

a) To increase processing time

b) To decrease user engagement

c) To ensure accurate data collection

d) To complicate the user interface

8. Prompt optimization techniques aim to:

a) Increase data complexity

b) Improve efficiency and accuracy

c) Decrease user input

d) Ignore irrelevant data

9. Which prompt engineering technique is used to tailor prompts to individual investors based on their financial preferences?

a) Prompt personalization

b) Prompt adaptation

c) Prompt usability testing

d) Prompt security

10. What is the primary goal of conducting usability testing for prompts in financial applications?

a) To increase data security

b) To evaluate user-friendliness and effectiveness

c) To decrease data accuracy

d) To limit prompt customization

11. Why is prompt adaptation important in insurance underwriting?

a) To ignore changing market conditions

b) To address emerging risks and compliance issues

c) To complicate the underwriting process

d) To limit prompt usability

ASSIGNMENT 4

12. Personalized prompts in financial advisory services aim to:

a) Increase user input

b) Tailor prompts to individual investors

c) Decrease prompt complexity

d) Eliminate prompt security measures

13. What is a key benefit of using prompt engineering techniques in financial applications?

a) Decreased efficiency

b) Increased data inaccuracy

c) Improved user experience

d) Limited prompt customization

Application Based Questions

1. Imagine you are tasked with designing a prompt for an insurance claim processing system. Discuss the key factors you would consider in designing this prompt to ensure efficiency, accuracy, and user-friendliness. Provide specific examples of how different prompt designs could impact the overall process and user experience.

2. You work for a financial institution responsible for assessing loan applications. Develop a prompt that would efficiently gather relevant information to assess the risk associated with lending to a particular individual or business. Explain why each piece of information included in your prompt is crucial for making an informed decision.

3. Consider a scenario where you are working with a dataset of financial transactions. Propose a prompt engineering technique that could be used to optimize the process of extracting useful information from this dataset. Describe how this technique could improve the efficiency and accuracy of analysing financial data compared to traditional methods.

4. In the context of insurance underwriting, discuss the importance of prompt adaptation in response to changing market conditions or regulatory requirements. Provide examples of how prompt engineering techniques can be used to modify existing prompts or create new ones to address emerging risks or compliance issues.

5. You have developed a new prompt for collecting customer feedback on insurance products. Outline a plan for conducting usability testing to evaluate the effectiveness of this prompt in gathering meaningful insights from customers. Identify potential challenges in the testing process and propose strategies for addressing them.

6. Explore the concept of personalized prompts in the context of financial advisory services. Discuss how prompt engineering techniques can be used to tailor prompts to individual investors based on their unique financial goals, risk tolerance, and investment preferences. Evaluate the potential benefits and challenges of implementing personalized prompts in practice.