AI ALIA – An Initiative by SOFTECH

Professional Learning Solutions

Course Information

Course Title: Prompt Engineering

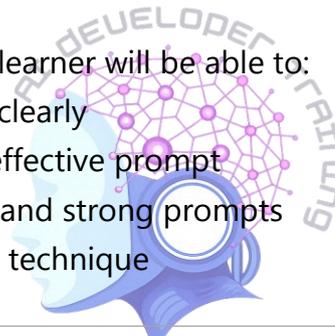Module: Introduction to Prompt Engineering

Lesson:

Exercise Type: Scenario-Based Assessment

Difficulty Level: Beginner

Estimated Completion Time: 30 Minutes

🎯 Learning Objectives

After completing this exercise, the learner will be able to:

- Define Prompt Engineering clearly
- Identify components of an effective prompt
- Differentiate between weak and strong prompts
- Apply structured prompting technique

📝 EXERCISE QUESTIONS

Exercise 1:
Improve the Prompt (Easy)
Poor Prompt:
Explain artificial intelligence.

Task:
Rewrite this prompt by adding clear context, task clarity, and constraints.

Exercise 2:

Convert Poor Prompt to Good Prompt (Easy–Medium)

Poor Prompt:

Create a presentation.

Task:

Improve this prompt by clearly mentioning:

- Topic
- Number of slides
- Target audience
- Format or tone

Exercise 3:

Add Context, Task, Constraints (Medium)

Basic Prompt:

Write an email about a meeting.

Task:

Rewrite this into a structured prompt suitable for a professional workplace situation.
Add:

- Who the email is for
- Purpose of the meeting
- Tone
- Length

Exercise 4: Scenario-Based Exercise (Medium)

Scenario:

You are a college student preparing for exams. You want AI to create a 7-day study plan for Mathematics.
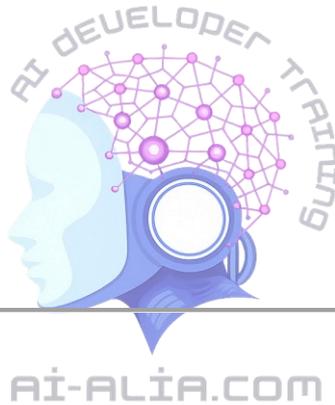
Task:

Write a complete structured prompt using:

- Context
- Task
- Constraints (format, language level, daily schedule style, etc.)

✍ Response Area

Answer 1:

Answer 2:

Answer 3:

Answer 4:

📊 Evaluation Rubric

Criteria	Excellent	Good	Needs Improvement
Concept Clarity	Clear & well-articulated	Adequate	Limited
Prompt Structure	Fully structured	Partially structured	Weak
Practical Application	Professional & usable	Acceptable	Needs refinement
Analytical Thinking	Insightful	General	Basic