Bharat Unnati AI Fellowship (FAB)
Prompt Engineering – Student Worksheets

Purpose: These worksheets are designed to help you practice Prompt Engineering step by step. There are no right or wrong answers. Focus on clarity and improvement.

Worksheet 1: Understanding Prompts (Basics)

1. What is a Prompt? (Write in your own words)

_____

_____

2. Real-Life Connection

Think of one daily-life situation where clear instructions are important (example: ordering food, asking for directions).

Situation:

_____

What happens if instructions are unclear?

_____

Worksheet 2: Bad Prompt vs Good Prompt

Prompt Example

Bad Prompt:

Explain AI.

Your Task

Rewrite the above prompt to make it better by adding details.

Improved Prompt:

_____

_____

Why is your improved prompt better?

_____

Fill in the blanks for the topic **"Cloud Computing"**.

1. **Role (Who is AI?):**

_____

2. **Task (What should AI do?):**

_____

3. **Context (For whom?):**

_____

4. **Format (How should the answer look?):**

_____

5. **Constraints (Limits):**

_____

Worksheet 4: Role-Based Prompting Practice

Topic: Resume Preparation

Write two prompts for the same topic using different roles.

Prompt 1 (Role: Teacher):

_____

_____

Prompt 2 (Role: Recruiter):

_____

_____

What difference do you expect in the answers?

_____

_____

Worksheet 5: Prompt Improvement Exercise

Original Prompt

Help me prepare for interviews.

Step 1: Add Role

_____

Step 2: Add Context

_____

Step 3: Add Format or Constraints

_____

Final Improved Prompt:

_____

_____

_____

Worksheet 6: Practice Prompts (Hands-On)

Write prompts for the following tasks:

1. Learning a New Topic

_____

2. Resume Help

_____

3. Interview Practice

_____

4. Explaining a Topic Simply

_____

5. Solving a Daily Problem

_____

_____

Worksheet 7: Identify the Mistake

Read the prompt and identify what is missing.

Prompt:

Write about programming.

What is missing? (Circle one)

- Role
- Context
- Format
- Constraints

How would you fix it?

_____

Worksheet 8: Reflection (Very Important)

Answer honestly:

1. What did you find easy about Prompt Engineering?

_____

2. What was confusing?

_____

3. How can better prompts help you in studies or career?

_____

Final Reminder

Prompt Engineering is not about technology.
It is about how clearly you can think and communicate.

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What's included:

- Basics of prompts
- Bad vs good vs great prompt practice
- 5 building blocks worksheet
- Role-based prompting
- Prompt improvement steps
- Hands-on practice prompts
- Mistake identification
- Reflection & learning mindset