

Practical 06

Task 1: Prompt Categorization

- **Generate a logo for a tech startup using neon colors.**

This prompt directs an AI or designer to **create a visual artifact**—a logo—with specific stylistic requirements ("neon colors").

- **Explain blockchain to a 5-year-old**

This is an **Instructional** prompt. It asks for an explanation—a knowledge transfer—that is adapted for a very young audience.

- **You are a UX designer. Suggest improvements to this app layout.**

This prompt uses **Role-based Instructional** prompting.

Task 2: Refinement Practice

Refined Prompt Examples

Original: **Make a poster.**

Refined: **Create a poster for a school science fair with a blue background, cartoon robots, and bold text saying SCIENCE EXPO 2025.**

Original: **Suggest a good book.**

Refined: **Recommend three best-selling science fiction novels published in the last five years.**

Original: **Tell me about a nice place to visit.**

Refined: **List three popular tourist attractions in Paris that are suitable for families with young children.**

Original: **How do you cook pasta?**

Refined: **Provide a step-by-step recipe for making traditional Italian spaghetti carbonara, including ingredients and cooking times.**

Original: **Write something about climate change.**

Refined: **Write a 100-word summary on how rising sea levels from climate change affect coastal cities.**

ChatGPT (Text-Based)

Prompt:

Act as a career counselor. Advise a recent computer science graduate on three effective networking strategies for entering the tech industry, including sample conversation starters for LinkedIn messages and tips for attending virtual conferences.

DALL·E (Image-Based)

Prompt:

Create a vibrant illustration of a futuristic city skyline at sunset with flying cars, green rooftop gardens, and holographic billboards lighting up the scene.

SORA (Video-Based)

Prompt:

Generate a 20-second video showing a time-lapse of a seed growing into a flowering plant on a windowsill, with sunlight streaming in and the background slowly changing from morning to evening.

Coding or Logic

Prompt:

Write a Python script that takes a CSV file of daily sales data, calculates the 7-day moving average, and outputs a new CSV with both original and averaged data columns clearly labeled.

Education or Training

Prompt:

Design an interactive lesson plan for 6th-grade students introducing the basics of photosynthesis. Include a short quiz, a hands-on classroom experiment, and discussion questions that connect plant biology to real-life applications.