Growth School

Generative AI Mastermind

INTRODUCTION TO GENERATIVE AI AND THE SCIENCE BEHIND LLMS

TASK 1.1

Make Your Own Prompt Library

In this activity we'll implement the prompting techniques that we learnt and apply to our daily tasks

FOLLOW THE STEPS TO PERFORM THE ACTIVITY:

Step 1 : Identify Common Tasks
List daily or routine tasks that can benefit from automation using AI. Examples: writing emails, summarizing documents, scheduling, etc.

Step 2 : Create Base Prompts for Each Task
For each task, develop a basic AI prompt.
Context: Explain the background of the task.
Task: State the specific action needed.
Instruction: Clearly describe how to complete the task.
Data: Identify any data required to perform the task.
Role: Add a function (e.g., "As a project manager...") to enhance prompt accuracy.

Step 3: Organize the Prompts
Group prompts based on categories such as:
Communication (e.g., emails, messaging)
Productivity (e.g., meeting notes, scheduling)
Research (e.g., summarizing articles, generating reports)

Fill the sheet with your details!

STEP 4: Refine the Prompts Using Prompting Techniques

- **Zero-Shot Prompting:** Start with no examples, and let the AI generate output based solely on the instruction.

- **Few-Shot Prompting:** Provide a few examples to guide the AI on how the output should look.

- **Chain of Thought Prompting:** Break down complex tasks into step-by-step instructions for the AI to follow.

- **Tree of Thought Prompting:** Create prompts that allow the AI to explore different solutions or paths.

- **Meta-Prompting:** Include instructions for the AI to evaluate or improve its own responses.

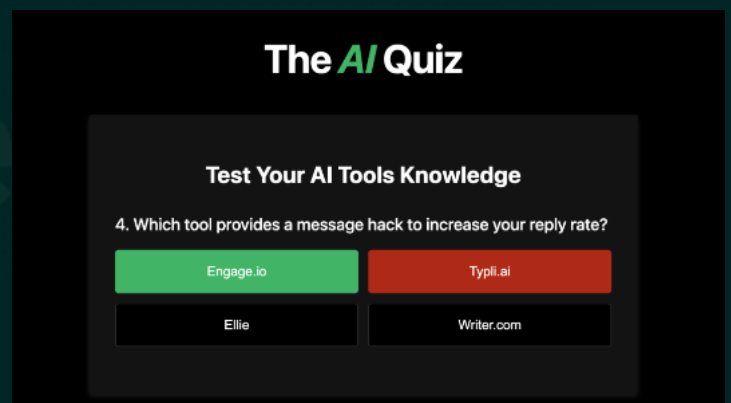- **Prompt Chaining:** Use the output from one task as the input for the next task.

TASK 1.2

Build and Deploy Your Own App Using Claude.ai

In this activity we will create an app using claude.ai by defining its purpose, features, and functionality.
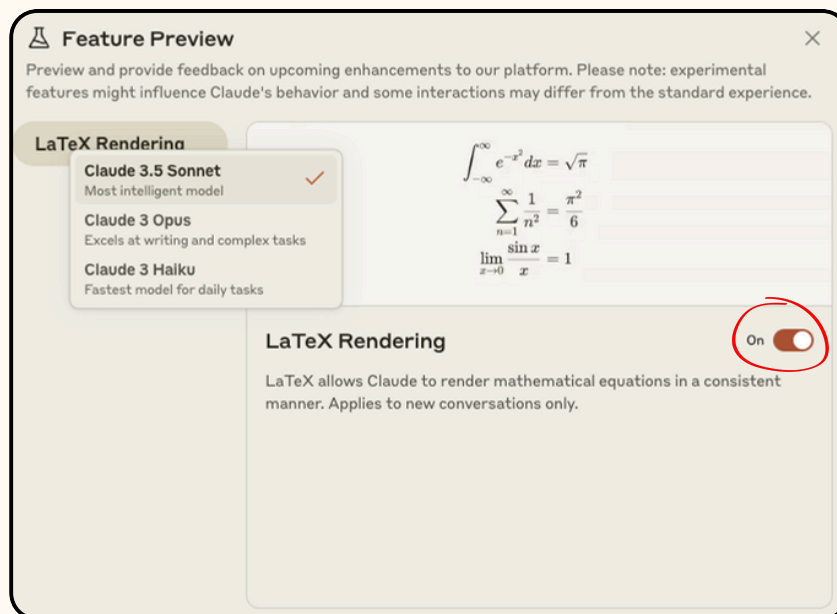
Topics suggestion:
- Travel Planner App
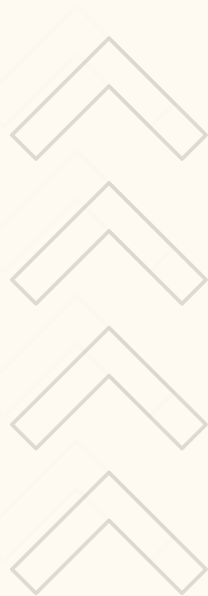- Tic-Tac Toe Game
- Quiz App
- Snake Game app

FOLLOW THE STEPS TO PERFORM THE ACTIVITY:

STEP 1: Open the claude.ai website and create an

account.

STEP 2: After logging in, go to settings>>feature preview

& enable the **Latex rendering** feature as shown in the

image.(note: you only use this free tool 6 times)

STEP 3: Choose a template or create from scratch.

STEP 4: Define the app's purpose and features in the prompts provided. (note : give a detailed & extensive prompt with all sort of features colors of the App)

STEP 5: Customize the app using Claude's suggestions or by inputting your own preferences.

STEP 6: Review and deploy the app, testing its functionality.