

Task 1. Open the notebook in Vertex Al Workbench

bar and click the first result.

2. Find the **generative-ai-jupyterlab** instance and click on the **Open JupyterLab** button.

The JupyterLab interface for your Workbench instance will open in a new browser tab.

Task 2. Open the notebook and complete the challenge

- 1. Click on the text_prompt_design_challenge_lab-v1.0.0.ipynb file.
- 2. In the Select Kernel dialog, choose Python 3 from the list of available kernels.
- 3. Complete the challenge based on the notebook.

Note: Save your notebook before each progress check.

Task 3. Progress checks

After you run the notebook, check that you completed each task.

Click Check my progress to verify the objective.

Use a persona to guide the model's response

Check my progress

Extract data from text to a structured format

Check my progress

Use a fallback response to stay on topic

Check my progress

Use examples to guide model output

Congratulations!

If you have completed the steps above, you have demonstrated your ability to use several prompt engineering techniques.

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Challenge Lab