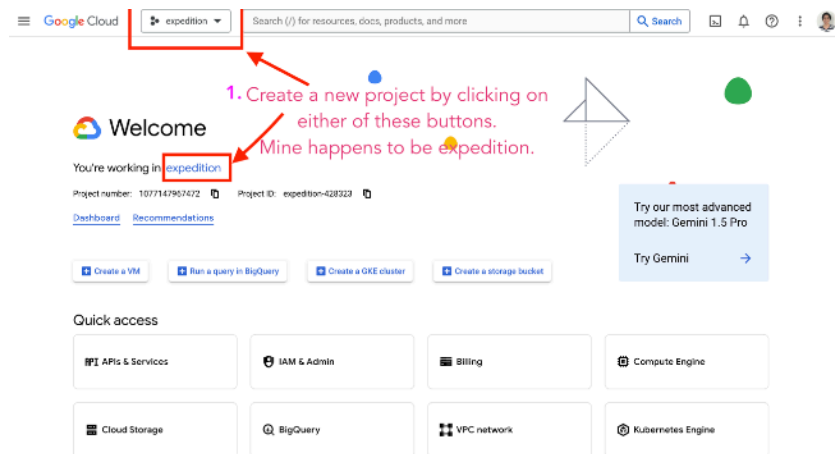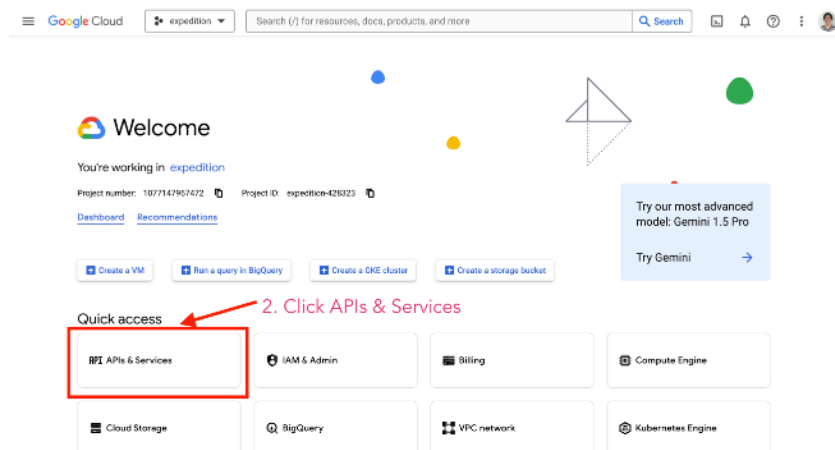# Gemini Explorer Guidelines

There is no GitHub repository for this mission! We code along with Mikhail in the videos which appear for each task.
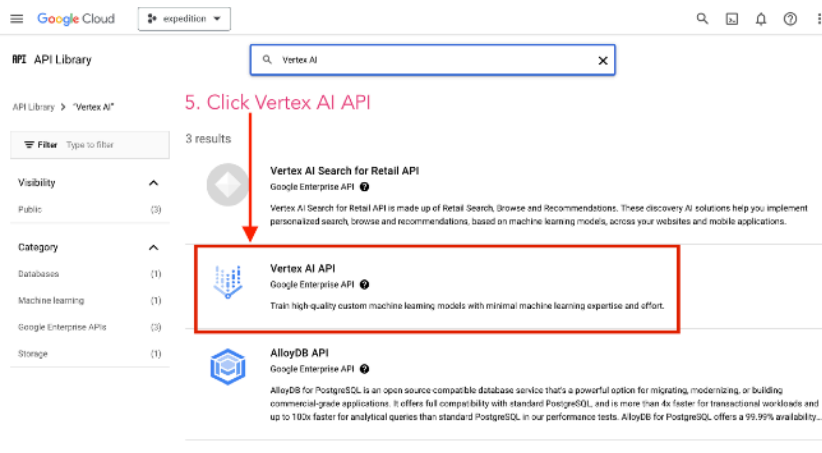
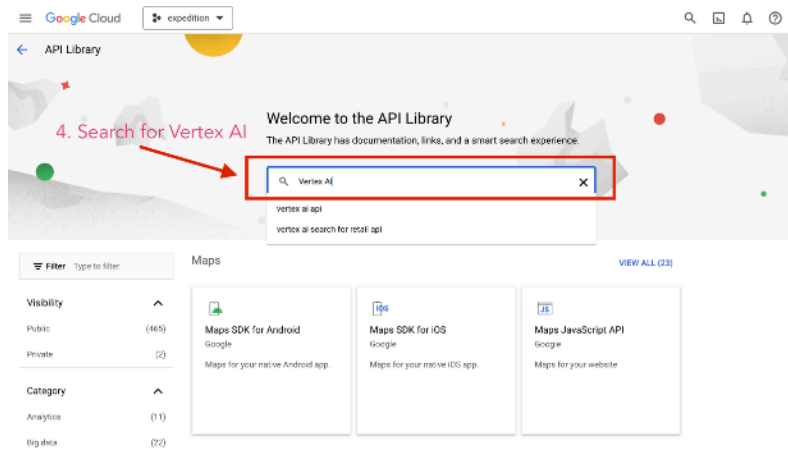Task 1:

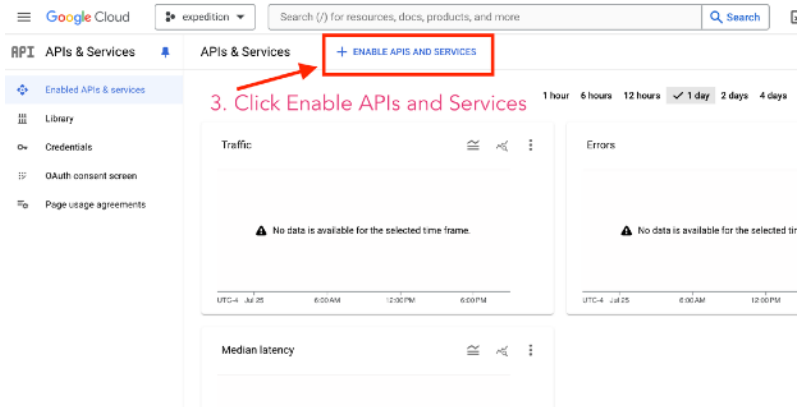a. Create a project on Google Cloud Platform

b. Enable Vertex AI API

3. Click Enable APIs and Services

4. Search for Vertex AI

5. Click Vertex AI API

6. Click Enable to enable Vertex AI API

Task 2:

a. Install gcloud CLI

      i. https://cloud.google.com/sdk/docs/install
     ii. Please follow the instructions provided on the website.

b. In the VS code terminal, type-in

       gcloud init

  to configure your project.

c. Follow the prompts on the terminal.
      i. Enter the number associated with the account you would like to configure
     ii. Select the project you created in Task 1. Sometimes the Google Cloud Platform will add additional numbers to your original project name. Please select your **Project ID** found on the Google Cloud Console.
    iii. You do not need to set-up a Compute Region or Zone. You can type in 'n'.

d. Google Cloud Authentication
      i. Mikhail has guidelines and a video for this: Gcloud Auth Troubleshooting
     ii. One way to authenticate is to type-in the terminal the following command:

       gcloud auth application-default login

  ii. Click through the link to connect to the cloud service.

Tasks 3-5:
Please code along with Mikhail by creating one new python file in VS code, saving in your directory, and saving/editing with code changes!

The steps I have taken and the commands I have run in the terminal:

a. Create virtual environment

   python -m venv env

b. Activate virtual environment

   source env/bin/activate

c. Install requirements in a text file
   • I named mine requirements.txt which lists:

   streamlit
   google-cloud-aiplatform
   vertexai

   pip install -r requirements.txt

d. Run the streamlit application with your python file.

   streamlit run explorer.py

   Note: where explorer.py is the name of my file