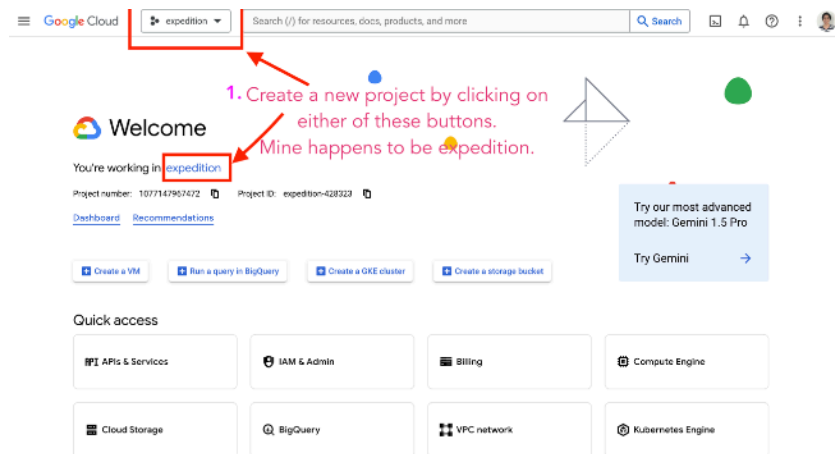


Gemini Explorer Guidelines

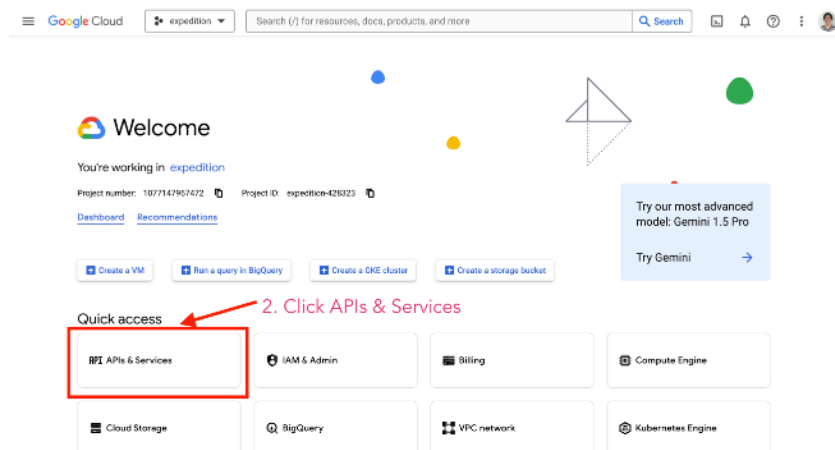
There is no GitHub repository for this mission! We code along with Mikhail in the videos which appear for each task.

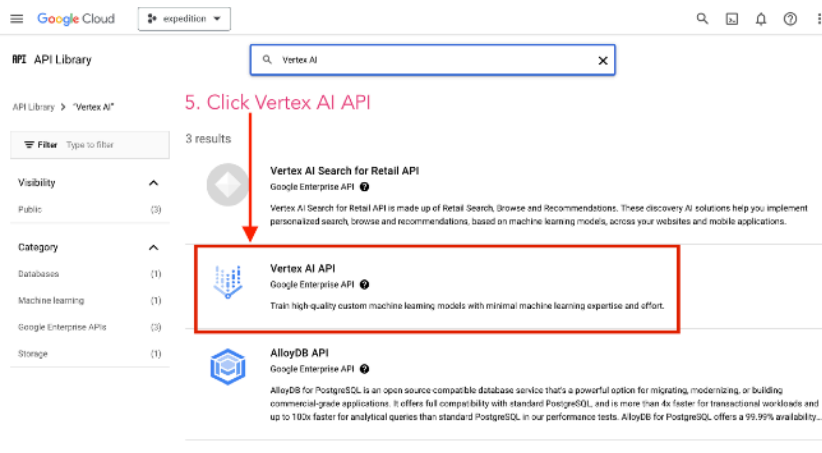
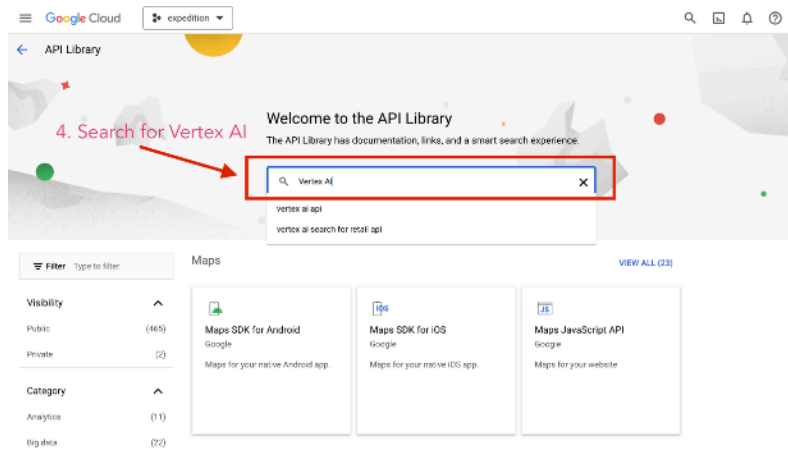
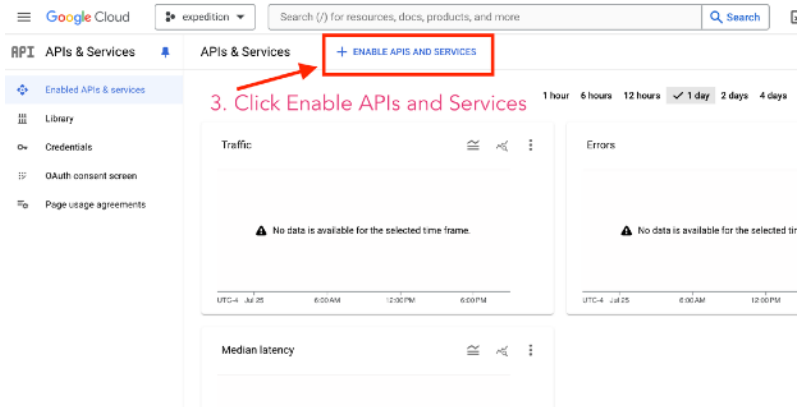
Task 1:

a. Create a project on Google Cloud Platform



b. Enable Vertex AI API





Google Cloud expedition

Product details

Vertex AI API

[Google Enterprise API](#)

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ENABLE TRY THIS API

6. Click Enable to enable Vertex AI API

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cloud.google.com/sdk/docs/install

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Install the gcloud CLI

Was this helpful? Send feedback

This page contains instructions for choosing and maintaining a Google Cloud CLI installation. The Google Cloud CLI includes the `gcloud`, `gsutil` and `bq` command-line tools. For a list of gcloud CLI features, see [All features](#).

To access the [Google Cloud APIs](#) using a supported programming language, you can download the [Cloud Client Libraries](#).

Installation instructions

These instructions are for installing the Google Cloud CLI. For information about installing additional components, such as gcloud CLI commands at the alpha or beta release level, see [Managing gcloud CLI components](#).

★ **Note:** If you are behind a proxy or firewall, see the [proxy settings](#) page for more information on installation.

On this page

- Installation instructions**
- Other installation options
- Manage an installation
- Earlier versions of the gcloud CLI
- Supported Python versions

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