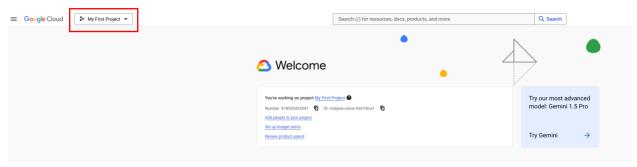
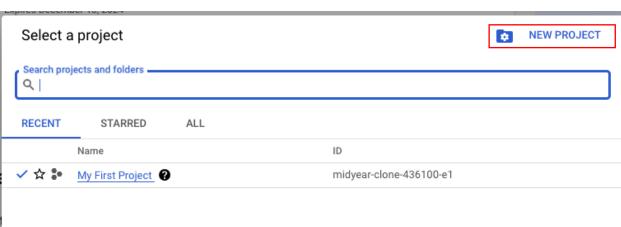
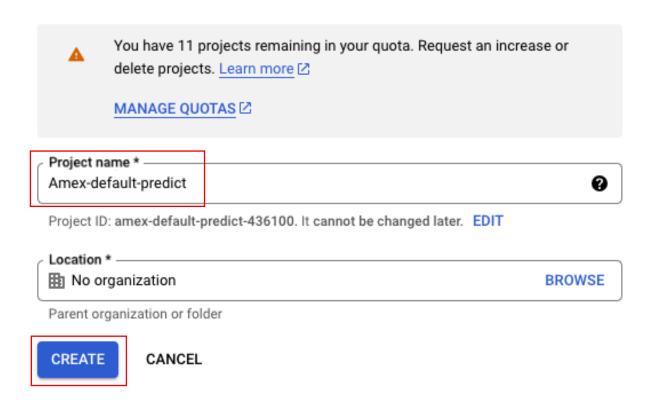
How to use GCP

- 1. Create a google account
- 2. Start a new project





New Project



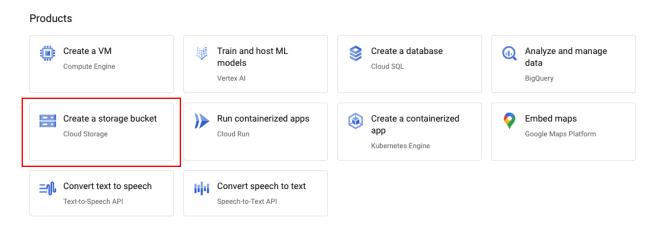
Click top left corner to select a project.

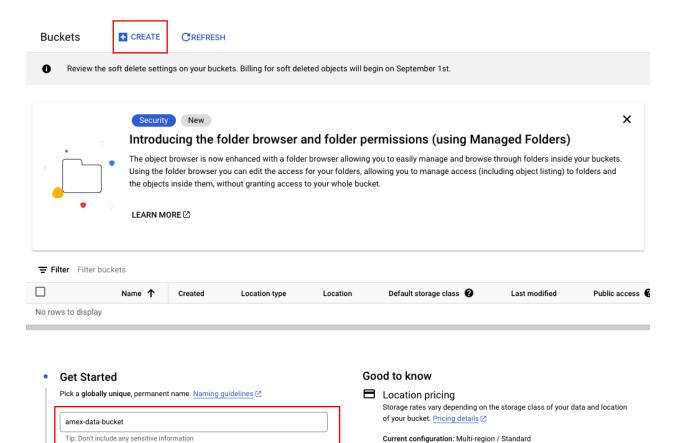
In the pop up window, click NEW PROJECT.

Give a project name and click CREATE.

Click top left corner to select the project you just created.

3. Upload data to Cloud Storage





us (multiple regions in United States)

ESTIMATE YOUR MONTHLY COST

With default replication

Cost

\$0.026 per GB-month

\$0.020 per GB written

Choose where to store your data Location: us (multiple regions in United States) Location type: Multi-region

Choose a storage class for your data

Optimize storage for data-intensive workloads

Default storage class: Standard

Labels (optional)

CONTINUE

Choose how to control access to objects

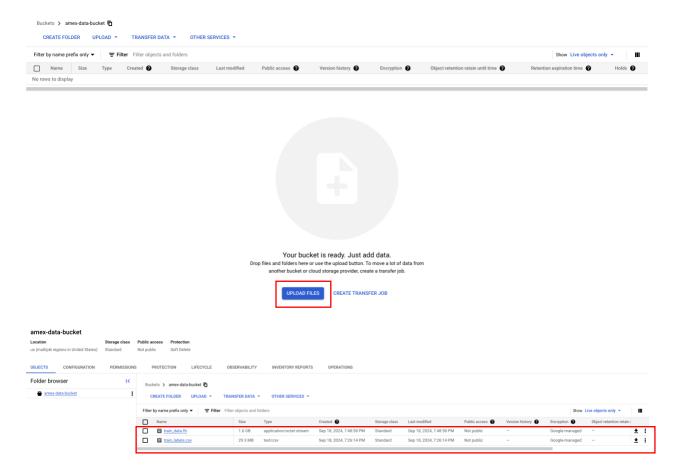
Public access prevention: On Access control: Uniform

Choose how to protect object data

Soft delete policy: Default
Object versioning: Disabled
Bucket retention policy: Disabled
Object retention: Disabled
Encryption type: Google-managed



CANCEL



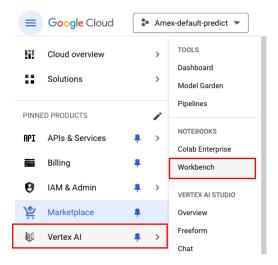
Click Create a storage bucket.

Top left corner to click CREATE.

Give your bucket a name, click CREATE.

Click UPLOAD FILES to upload your data.

4. Create a Jupyter Notebook using Workbench



Product details

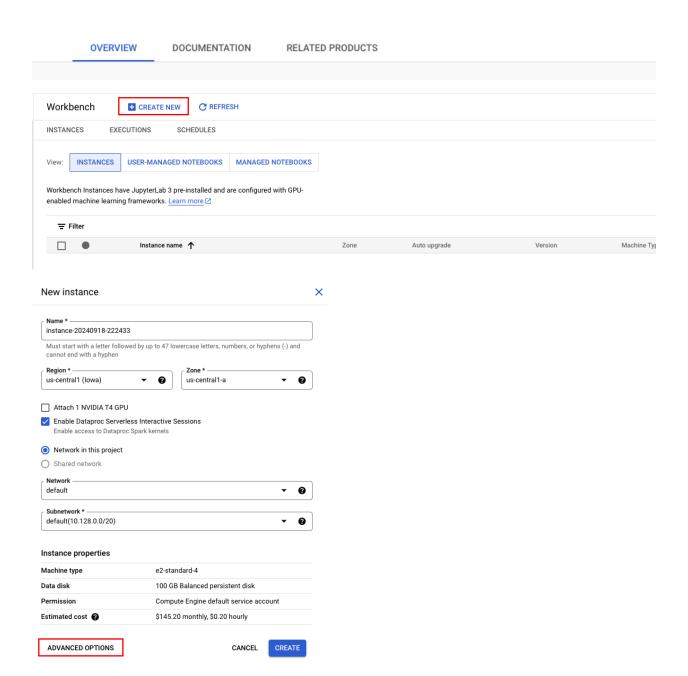


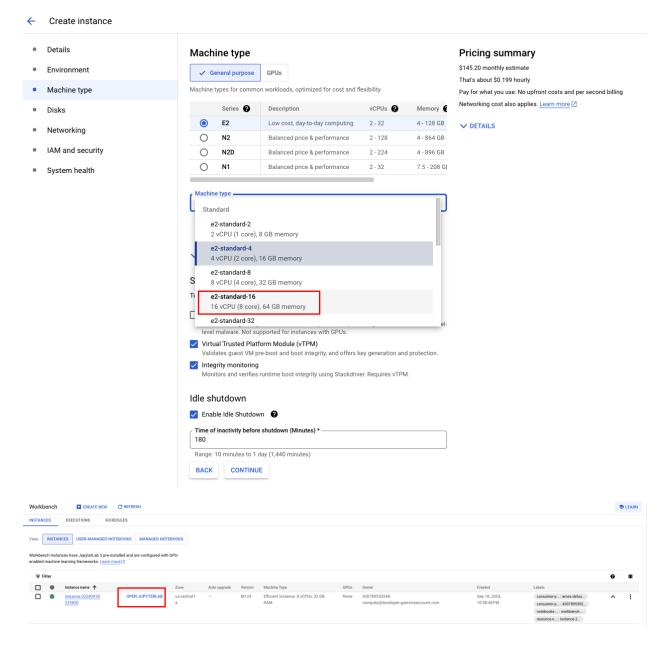
Notebooks API

Google Enterprise API

Notebooks API is used to manage notebook resources in Google Cloud.







Click left top corner hamburger icon, select Vertex AI, select Workbench.

Click ENABLE to turn on Notebooks.

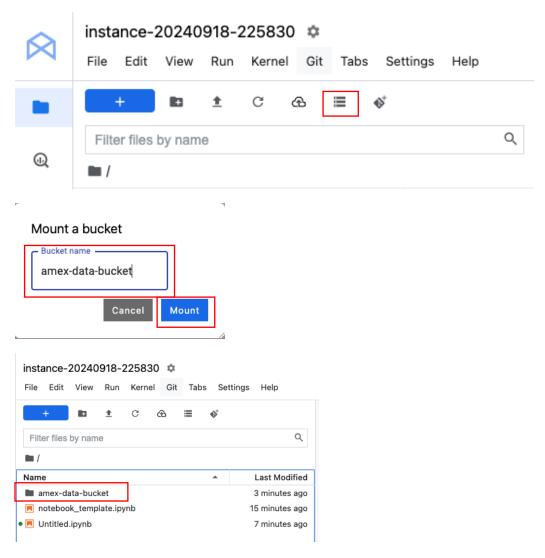
Click CREATE NEW, and then click ADVANCED OPTIONS to select machine types.

Select a machine type with higher specs. For example, e2-standard-16 with 64 GB memory. Click CREATE to start creating.

Click OPEN JUPYTERLAB to start coding.

Delete the instance if you don't use it.

5. Mount bucket to Jupyterlab



In jupyterlab, click the left top corner hamburger icon.

Copy your bucket name, click Mount.

The bucket will show as a folder in your Jupyterlab.