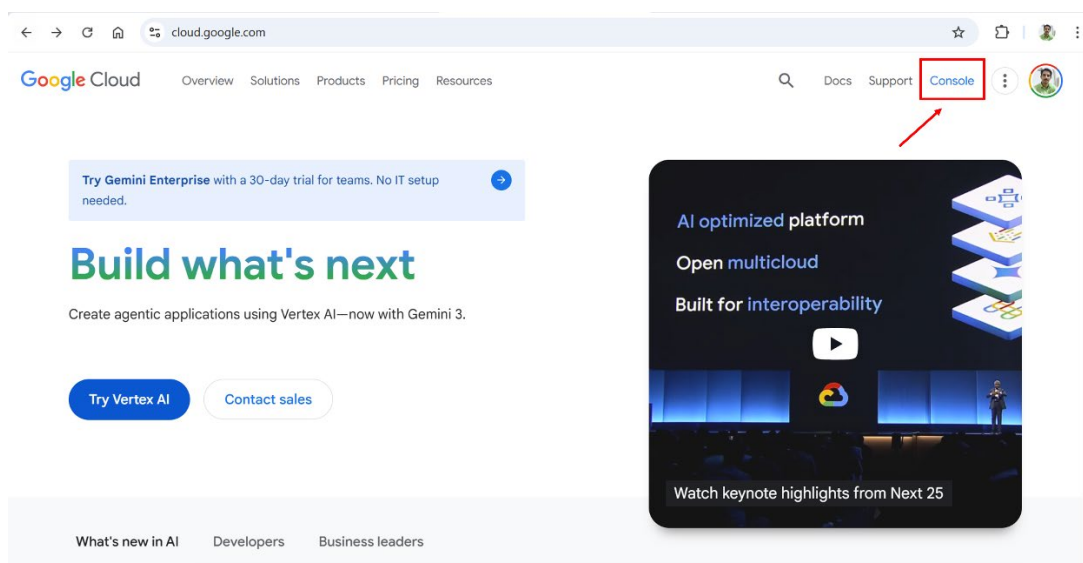


CLOUD COMPUTING LABORATORY

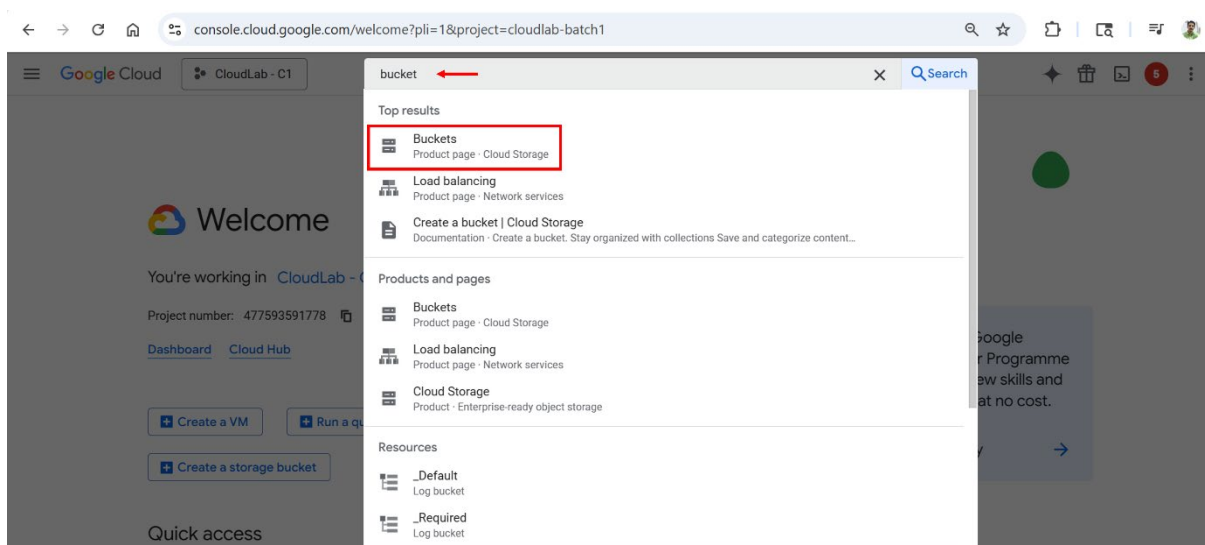
Experiment – 5:

Cloud Storage provides scalable and secure object storage for managing data, accessible via the Cloud Console or gsutil CLI.

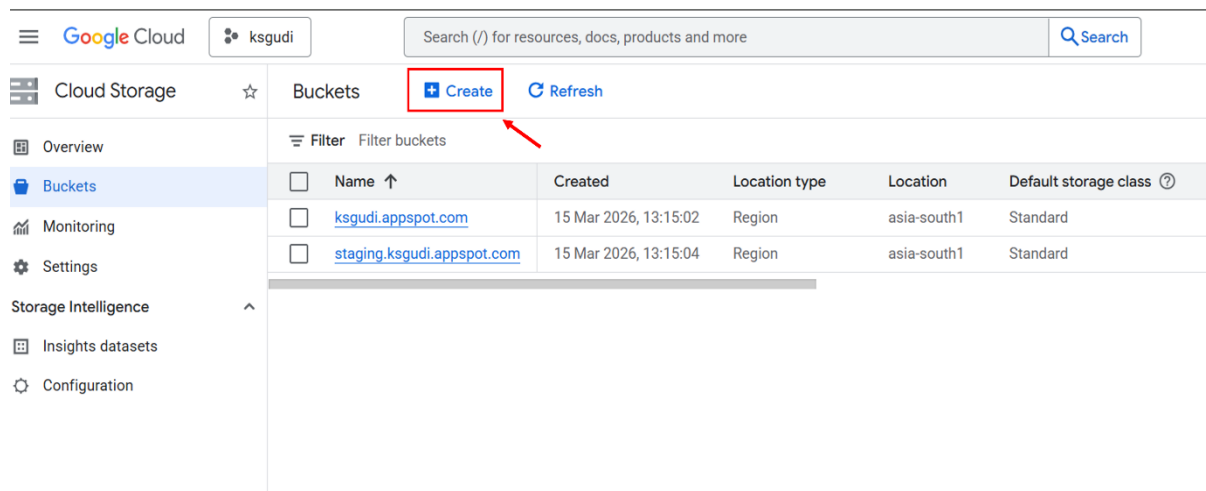
Step 1: From the Google Cloud homepage, click on **Console** to open the Google Cloud Console.



Step 2: Search “bucket” and select Buckets (Cloud Storage).



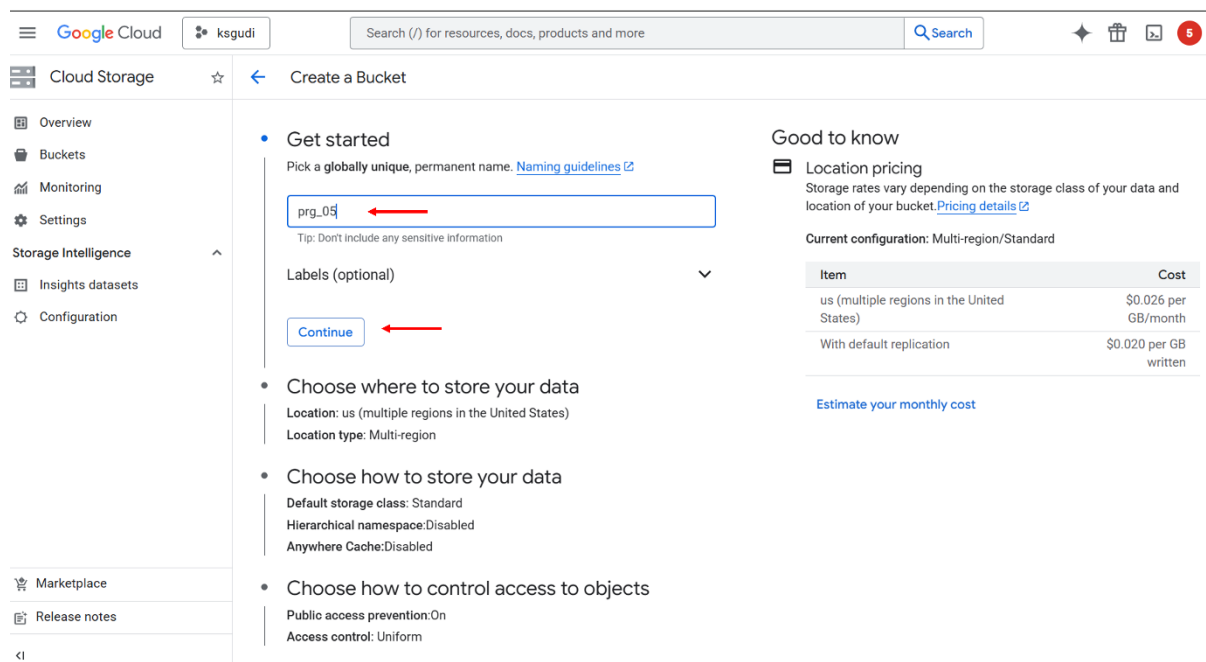
Step 3: Click Create to create a new bucket.



The screenshot shows the Google Cloud Storage interface. The 'Buckets' tab is selected, and the '+ Create' button is highlighted with a red box. A red arrow points to the 'Create' button. The table below shows existing buckets:

Name	Created	Location type	Location	Default storage class
ksgudi.appspot.com	15 Mar 2026, 13:15:02	Region	asia-south1	Standard
staging.ksgudi.appspot.com	15 Mar 2026, 13:15:04	Region	asia-south1	Standard

Step 4: Enter bucket name (e.g., prg_05) and click Continue.



The screenshot shows the 'Create a Bucket' wizard. The 'Get started' step is active, with a text input field containing 'prg_05' and a 'Continue' button. A red arrow points to the 'Continue' button. The 'Good to know' section is expanded to show 'Location pricing'.

Good to know

- Location pricing: Storage rates vary depending on the storage class of your data and location of your bucket. [Pricing details](#)

Current configuration: Multi-region/Standard

Item	Cost
us (multiple regions in the United States)	\$0.026 per GB/month
With default replication	\$0.020 per GB written

[Estimate your monthly cost](#)

Step 5: Select Region, choose location (e.g., us-central1 (Iowa)), and click Continue.

Google Cloud | ksgudi | Search (/) for resources, docs, products and more | Search

Cloud Storage | Create a Bucket

Choose where to store your data

This choice defines the geographic placement of your data and affects cost, performance and availability. Cannot be changed later. [Learn more](#)

Location type

- Multi-region
Highest availability across largest area
- Dual-region
High availability and low latency across 2 regions
- Region
Lowest latency within a single region

Location type dropdown menu:

- southamerica-east1 (São Paulo) Low CO2
- southamerica-west1 (Santiago) Low CO2
- us-central1 (Iowa) Low CO2** ←
- us-east1 (South Carolina)
- us-east4 (Northern Virginia)
- us-east5 (Columbus)
- us-south1 (Dallas) Low CO2
- us-west1 (Oregon) Low CO2

Choose how to store your data

Default storage class: Standard
Hierarchical namespace: Disabled
Anwwhere Cache: Disabled

location of your bucket. [Pricing details](#)

Current configuration: Region/Standard

Item	Cost
us-east1 (South Carolina)	\$0.020 per GB/month

[Estimate your monthly cost](#)

Step 6: Keep default storage settings and click Continue.

Google Cloud | ksgudi | Search (/) for resources, docs, products and more | Search

Cloud Storage | Create a Bucket

Get started | Name: prg_05

Choose where to store your data

This choice defines the geographic placement of your data and affects cost, performance and availability. Cannot be changed later. [Learn more](#)

Location type

- Multi-region
Highest availability across largest area
- Dual-region
High availability and low latency across 2 regions
- Region
Lowest latency within a single region

Region dropdown: us-central1 (Iowa)

Add cross-bucket replication via Storage Transfer Service
As data is added or changed, replicate it to another bucket, enabling you to store a copy that follows different bucket settings - e.g. region, storage class, etc. [Learn more](#)

Zone
Lowest latency within a single zone

Continue ←

Good to know

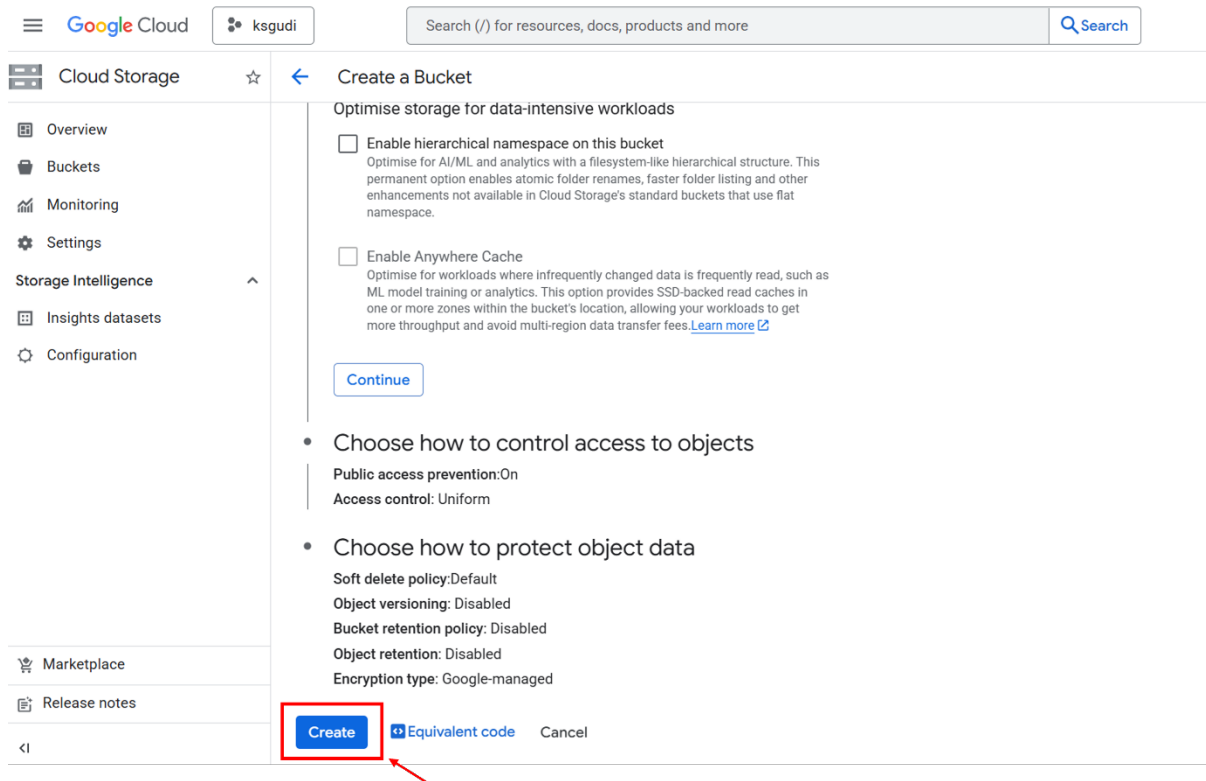
Location pricing
Storage rates vary depending on the storage class of your data and location of your bucket. [Pricing details](#)

Current configuration: Region/Standard

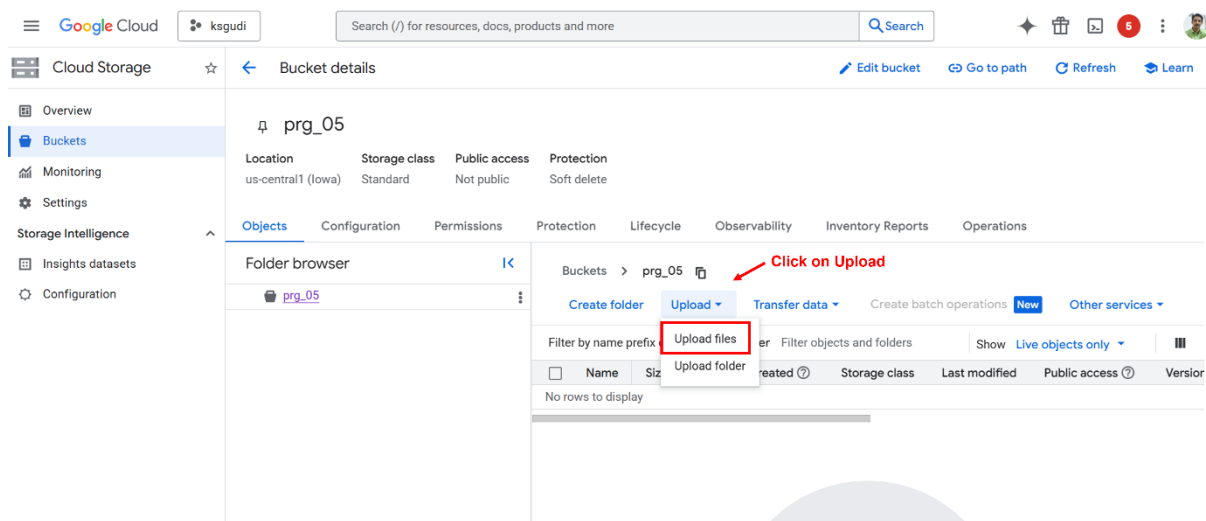
Item	Cost
us-central1 (Iowa)	\$0.020 per GB/month

[Estimate your monthly cost](#)

Step 7: Keep access & protection settings default and click Create.



Step 8: Click Upload, select Upload files, choose a file from your system, and click Open to upload it to the bucket.



Step 9: Verify that the file is successfully uploaded.

The screenshot shows the AWS Cloud Storage console interface. The bucket 'prg_05' is selected, and the 'Objects' tab is active. A table lists the uploaded file:

Name	Size	Type	Created
Cloud Computing - Elsevier.pdf	28.7 MB	application/pdf	22 Mar 2026, 11:33:59

A red arrow points to the file name. A notification at the bottom center states '1 file successfully uploaded'. A blue banner at the bottom right shows 'Uploads and ksgudi operations' with a green checkmark and 'Complete'.

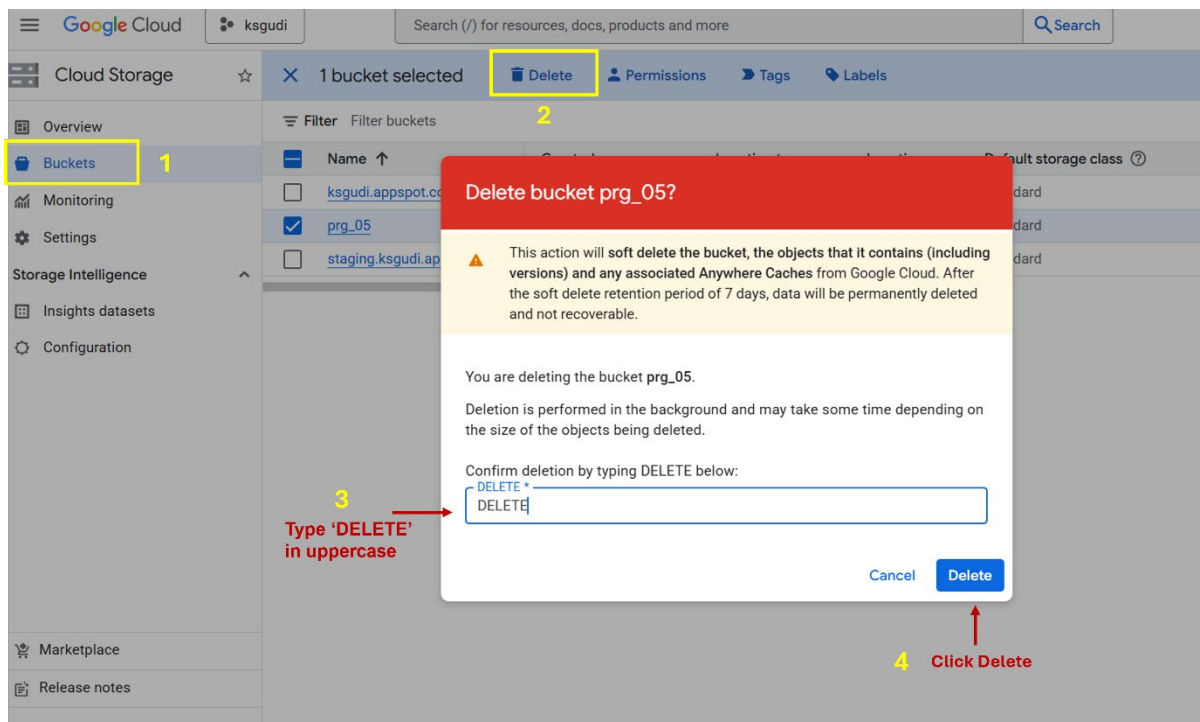
Step 10: Select the file checkbox and click Delete.

The screenshot shows the same AWS Cloud Storage console interface. The file 'Cloud Computing - Elsevier.pdf' is now selected, and the 'Delete' button is highlighted. A red arrow points to the checkbox next to the file name, with the text 'Click the checkbox' below it. Another red arrow points to the 'Delete' button, with the text 'Click Delete' next to it.

At the top of the object list, it says '1 object selected' and 'Delete' is highlighted in red. The table below shows the file details:

Name	Size	Type	Created
Cloud Computing - Elsevier.pdf	28.7 MB	application/pdf	22 Mar 2026, 11:33:59

Step 11: Select the bucket checkbox, click **Delete**, then in the pop-up window type “DELETE” in uppercase and click **Delete** to confirm.



Step 12: Observe that the bucket is successfully deleted.

