

DATA WAREHOUSE

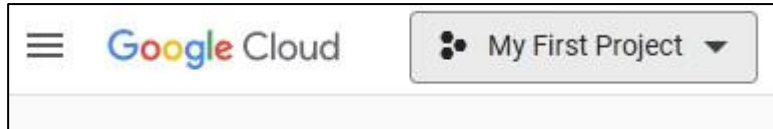
PART 4 – Big Query

TASK

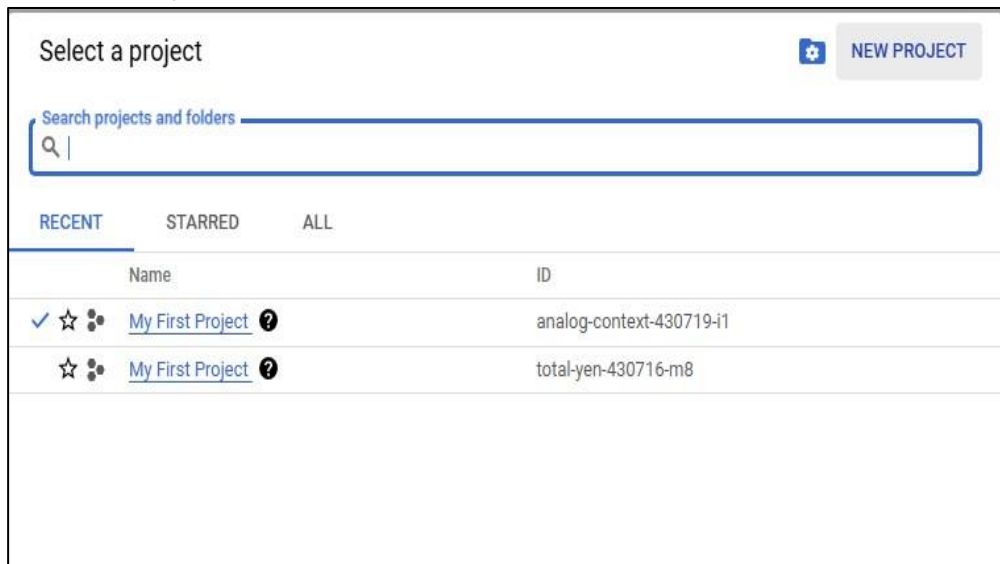
1. Buat sebuah bucket di GCP, upload beberapa file ke bucket tersebut!

Jawab:

- a. Klik My First Project



- b. Klik New Project



c. Ganti project name

Select a project

NEW PROJECT

Search projects and folders

Q |

RECENT

STARRED

ALL

	Name	ID
✓ ☆	My First Project ?	analog-context-430719-i1
☆	My First Project ?	total-yen-430716-m8

CANCEL

d. Select project yang telah dibuat

Notifications

✓

Create Project: Project Coba2

Just now

SELECT PROJECT

✓

Create Project: My First Project

20 minutes ago

SELECT PROJECT

✓

Create Project: My First Project

2 hours ago

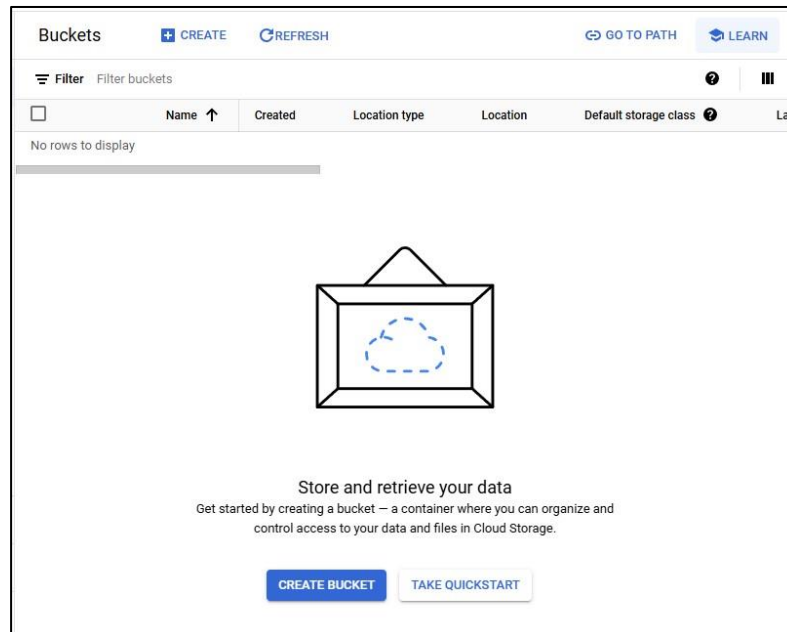
SELECT PROJECT

SEE ALL ACTIVITIES

- e. Search bucket di search bar dan pilih bucket




- f. Pilih create bucket



- g. Buat nama bucket, pilih lokasi penyimpanan, dan atur sesuai kebutuhan

- Name your bucket**

Pick a **globally unique**, permanent name. [Naming guidelines](#) 

Ex. 'example', 'example_bucket-1', or 'example.com'

Tip: Don't include any sensitive information

✓ LABELS (OPTIONAL)

CONTINUE
- Choose where to store your data**

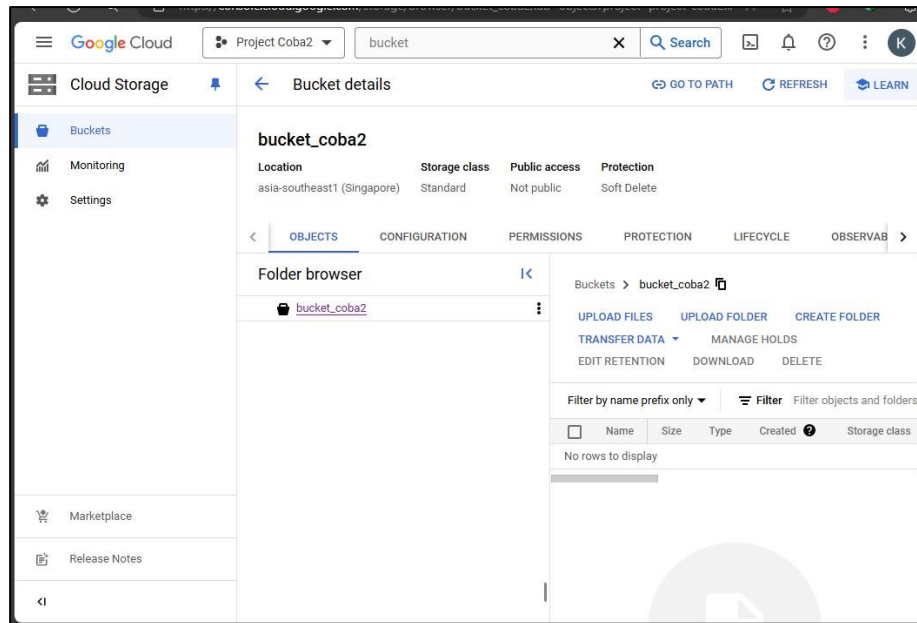
Location: us (multiple regions in United States)
Location type: Multi-region
- Choose a storage class for your data**

Default storage class: Standard
- Choose how to control access to objects**

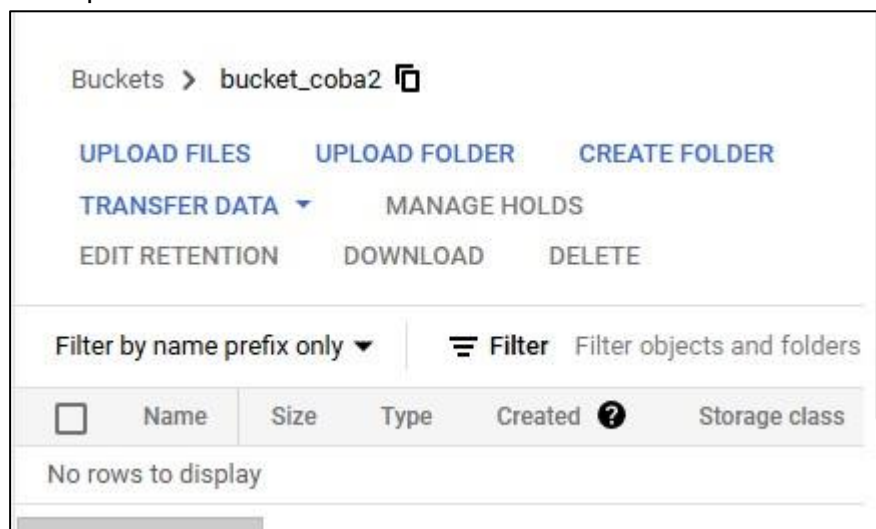
Public access prevention: On
Access control: Uniform
- Choose how to protect object data**

Custom soft delete policy: Disabled

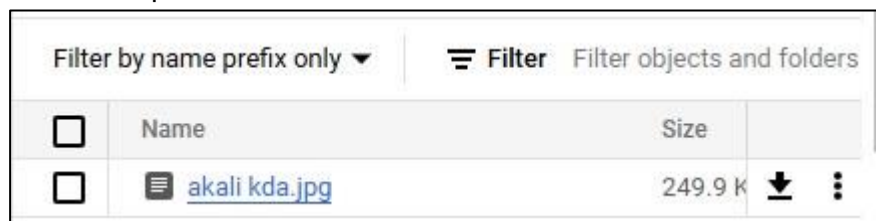
- h. Seperti ini



i. Pilih upload files



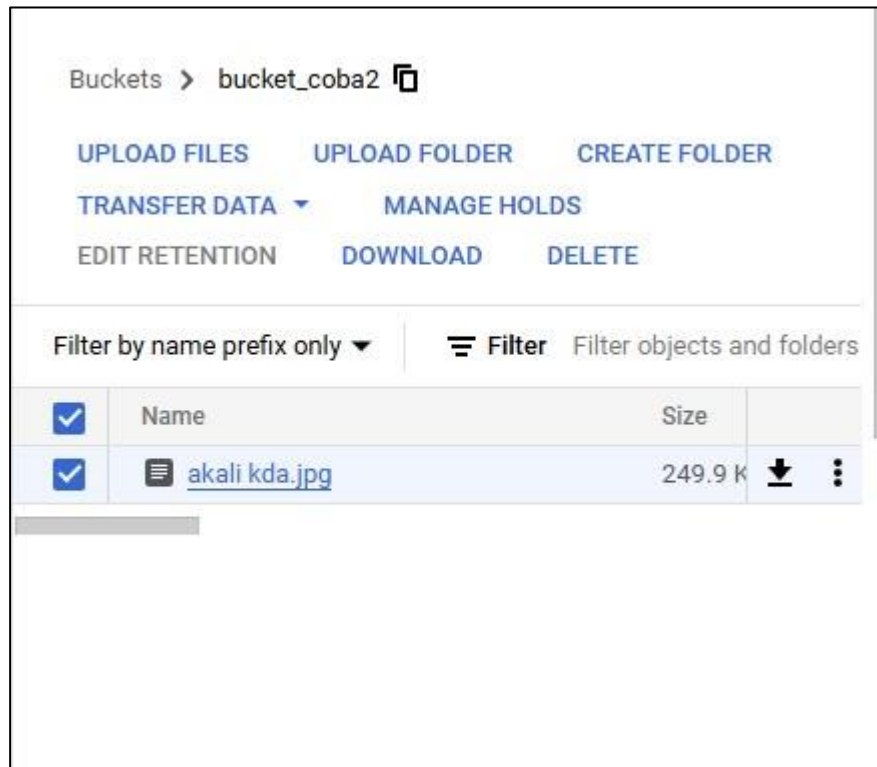
j. Sudah terupload



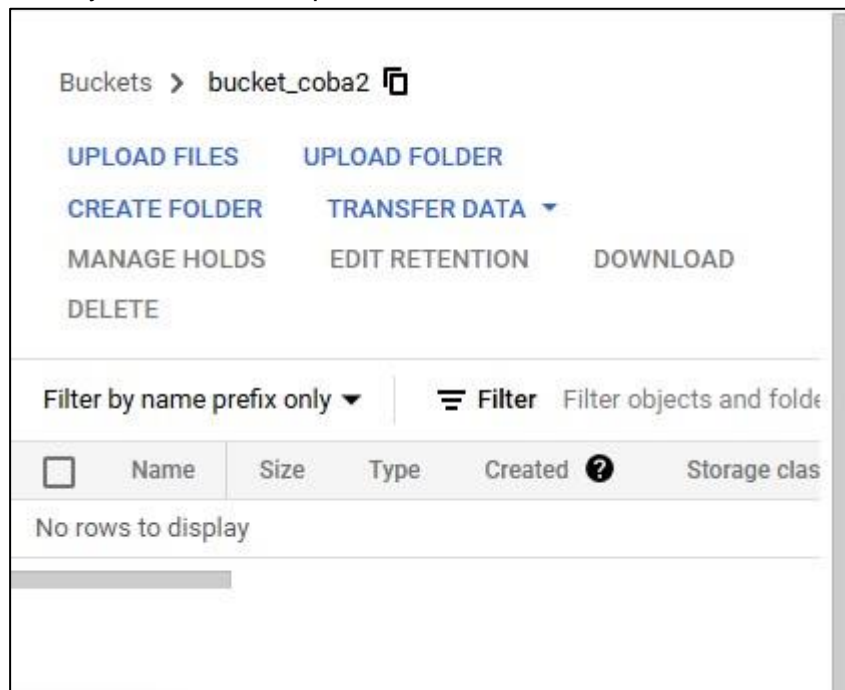
2. Hapus file yang sudah diupload!

Jawab:

a. Pilih file yang telah terupload dan pilih delete



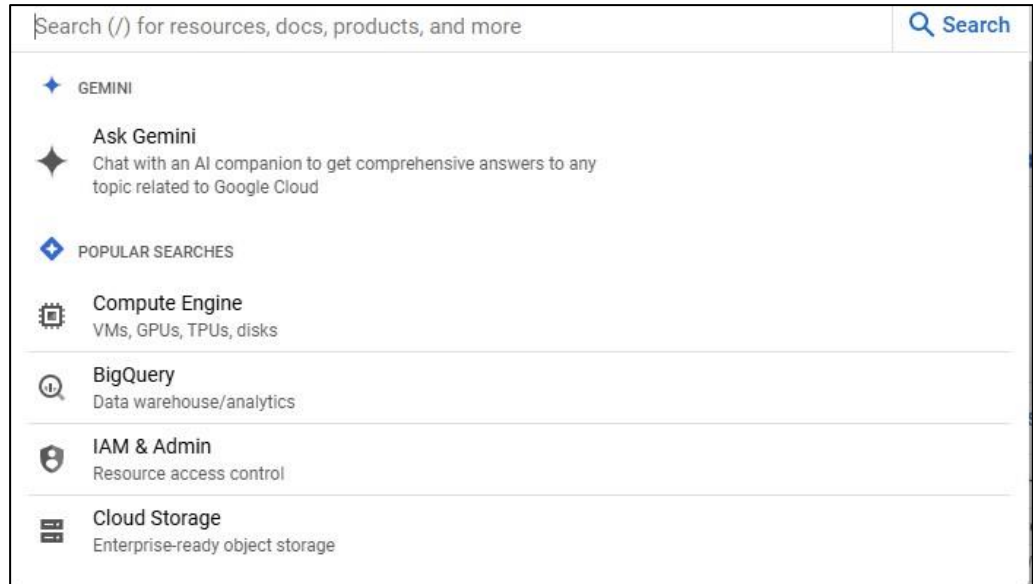
b. Hasilnya file akan terhapus



3. Lakukan eksplorasi sample data wikipedia
(<https://console.cloud.google.com/bigquery?p=bigquery-public-data&d=samples&t=wikipedia&page=table>) dengan menggunakan big query!

Jawab:

- a. Pilih search bar dan pilih Big Query



- b. Jalankan query



- c. Jangan lupa di-save



d. Hasilnya

Query results								
JOB INFORMATION		RESULTS	CHART	JSON	EXECUTION DETAILS		EXECUTION GRAPH	
Row	title	id	language	wp_namespace	is_redirect	revision_id	contributor_ip	
1	John Howard	4689709		0	null	2592877	203.33.165.91	
2	Greenwich High School	2971672		0	null	74731954	66.177.204.51	
3	Chelada	11834388		0	true	139819676	68.249.7.207	
4	Plaisance, Nord	18451838		0	null	255396950	86.68.36.47	
5	Nanoparticle	1234517		0	null	187346325	68.166.205.21	
6	Legally Blonde – The Musical: ...	17858747		0	null	227530985	65.12.124.182	
7	Latvian parliamentary election, ...	6086195		0	null	304160329	83.58.147.95	
8	Policy	375091		0	null	194384179	58.174.37.10	
9	Mariah Carey albums discogra...	2419014		0	null	253345668	220.136.33.32	
10	Holly & Stephen's Saturday Sho...	1525619		0	null	60857237	82.40.181.69	

4. Munculkan jumlah kontribusi dari masing-masing contributor_ip, urutkan dari kontribusi terbesar ke kontribusi terkecil!

Jawab:

- a. Memunculkan kontributor IP

```

5 SELECT contributor_ip, COUNT(*) as contribution_count
6 FROM `bigquery-public-data.samples.wikipedia`
7 GROUP BY contributor_ip
8 ORDER BY contribution_count DESC;
9

```

b. Hasilnya

Query results

SAVE RESULTS

EXPLORE DATA

JOB INFORMATION

RESULTS

CHART

JSON

EXECUTION DETAILS

EXECUTION GRAPH

Row	contributor_ip	contribution_count
1	null	237051825
2	Template namespace initialisat...	48803
3	Conversion script	31744
4	217.129.67.28	24431
5	204.153.84.10	23215
6	68.39.174.238	22614
7	202.156.6.54	19444
8	208.81.184.4	16427
9	131.107.0.80	14623
10	131.107.0.73	14431

Results per page: 501 - 50 of 19424954

Results per page: 50 1 – 50 of 19424954 |< < > >|