

Nama: Qorina M. H. Mumtaza

Kelas: DE-1

1. Membuat bucket dan upload file ke dalam bucket

```
gorinamumtaza@cloudshell:~ (studious-works-402905)$ gsutil mb -c nearline gs://datawarehouse-09
Creating gs://datawarehouse-09/...
gorinamumtaza@cloudshell:~ (studious-works-402905)$ export PS1="$"
$pwd
/home/qorinamumtaza
$ls
README-cloudshell.txt
$gcloud alpha storage ls
gs://datawarehouse-09/
gs://trybuckettt/
$gsutil cp /home/qorinamumtaza/try.txt gs://datawarehouse-09/
Copying file:///home/qorinamumtaza/try.txt [Content-Type=text/plain]...
/ [1 files][ 3.4 KiB/ 3.4 KiB]
Operation completed over 1 objects/3.4 KiB.
$
```

datawarehouse-09

Location	Storage class	Public access	Protection
us (multiple regions in United States)	Nearline	Subject to object ACLs	None

< **OBJECTS** CONFIGURATION PERMISSIONS PROTECTION LIFECYCLE OBSERV

Buckets > datawarehouse-09

[UPLOAD FILES](#) [UPLOAD FOLDER](#) [CREATE FOLDER](#) [TRANSFER DATA](#) [MANAGE HOLDS](#) [DOWN](#)

[DELETE](#)

Filter by name prefix only [Filter](#) Filter objects and folders [Show deleted da](#)

<input type="checkbox"/>	Name	Size	Type	Created ?	Storage class
<input type="checkbox"/>	try.txt	3.5 KB	text/plain	Nov 8, 2023, 1:52:14 AM	Nearline

2. Menghapus file dari dalam bucket

```
$gsutil rm gs://datawarehouse-09/try.txt/
Removing gs://datawarehouse-09/try.txt...
/ [1 objects]
Operation completed over 1 objects.
$
```

datawarehouse-09

Location	Storage class	Public access	Protection
us (multiple regions in United States)	Nearline	Subject to object ACLs	None

< **OBJECTS** CONFIGURATION PERMISSIONS PROTECTION LIFECYCLE OBSE

Buckets > datawarehouse-09

[UPLOAD FILES](#) [UPLOAD FOLDER](#) [CREATE FOLDER](#) [TRANSFER DATA](#) [MANAGE HOLDS](#)
[DOWNLOAD](#) [DELETE](#)

Filter by name prefix only ☐ Filter Filter objects and folders ☐ Show deleted data

<input type="checkbox"/>	Name	Size	Type	Created	Storage class	Last modified	Public access	Version
--------------------------	------	------	------	---------	---------------	---------------	---------------	---------

No rows to display

3. Explore tabel Wikipedia

Query editor interface showing a query: `SELECT * FROM `bigquery-public-data.samples.wikipedia` LIMIT 5`. The interface includes a toolbar with buttons for RUN, SAVE, SHARE, SCHEDULE, and MORE. The query results are displayed below the editor.

Query results

[SAVE RESULTS](#) [EXPLORE DATA](#)

JOB INFORMATION		RESULTS	CHART	PREVIEW	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	187346925	68.166.205.213		

Untitled ▶ RUN ▶ SAVE ▶ SHARE ▶ SCHEDULE ▶ MORE Query

```
1 SELECT * FROM `bigquery-public-data.samples.wikipedia` WHERE contributor_ip IS NULL ORDER BY id ASC LIMIT 1000
```

Press Alt+F1 for Access

Query results ▶ SAVE RESULTS ▶ EXPLORE DATA

JOB INFORMATION		RESULTS	CHART	PREVIEW	JSON	EXECUTION DETAILS	EXECUTION GRAPH
Row	title	id	language	wp_namespace	is_redirect	revision_id	contributor_ip
1	AccessibleComputing	10		0	true	56681914	null
2	AccessibleComputing	10		0	true	74466685	null
3	AccessibleComputing	10		0	true	133180268	null
4	AccessibleComputing	10		0	true	15898945	null
5	AccessibleComputing	10		0	true	133452289	null

4. Memunculkan total kontribusi 'contributor_ip' dengan urutan dari terbesar sampai terkecil

Untitled ▶ RUN ▶ SAVE ▶ SHARE ▶ SCHEDULE ▶ MORE

```
1 SELECT contributor_ip, COUNT(*) AS total_kontribusi
2 FROM `bigquery-public-data.samples.wikipedia`
3 GROUP BY contributor_ip
4 ORDER BY total_kontribusi DESC;
```

Query results ▶ SAV

JOB INFORMATION		RESULTS	CHART	PREVIEW	JSON	EXECUTION DETAILS	EXECUTION GRAF
Row	contributor_ip	total_kontribusi					
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					
11	156.110.24.142	12649					

Results per page: 50 ▼