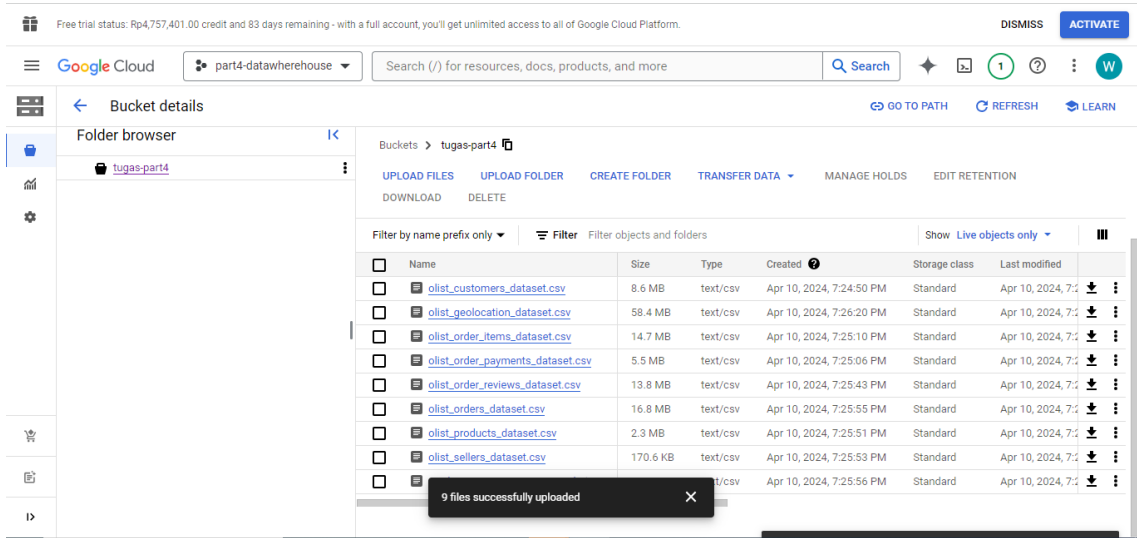


## PART 4

1. Buat sebuah bucket di GCS, upload beberapa file bucket tersebut.

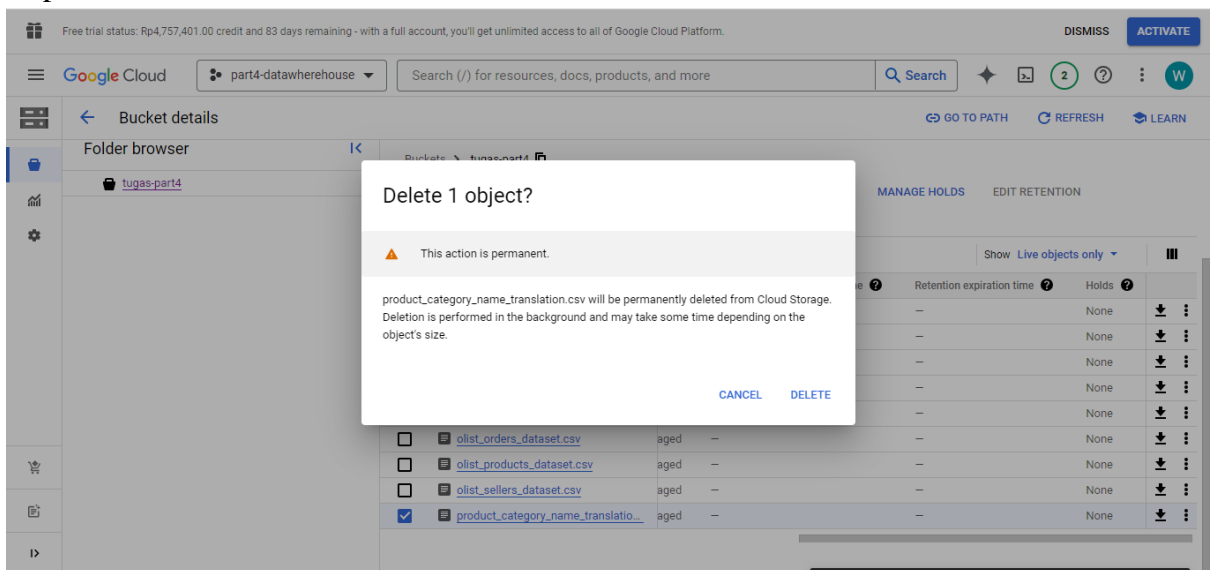
Jawab :



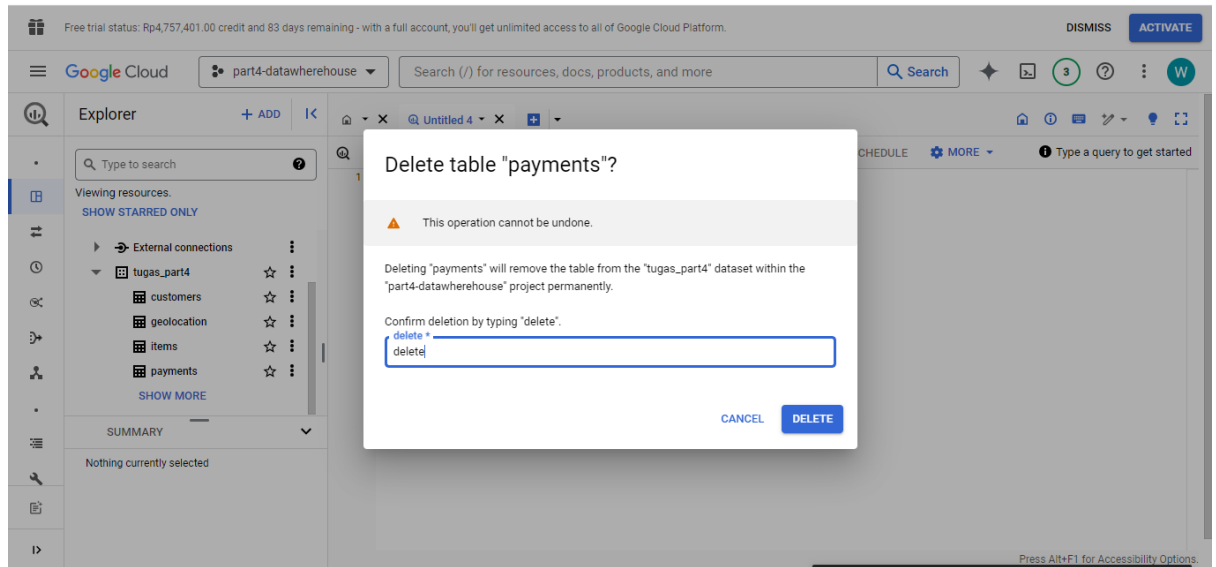
2. Hapus file yang sudah diupload

Jawab :

Hapus dile dari bucket



Hapus dari dataset



### 3. Lakukan eksplorasi sample data Wikipedia, dengan menggunakan bigquery

Row	contributor_username	timestamp	is_minor	is_bot	reversion_id	comment	num_characters
1	null	1141163708	null	null	null	/* S */	61384
2	null	1167865013	null	null	null	/* SSX On Tour */ Removal of ...	7681
3	null	1211356755	null	null	null	/* C */	23755
4	null	1234831910	null	null	null	I have just changed one word ...	29883
5	null	1193854447	null	null	null	/* Poverty */ add seealso to IIE...	30991

### 4. Munculkan jumlah kontribusi dari masing-masing contributor\_ip, urutkan dari kontribusi terbesar ke kontribusi terkecil

Untitled 2

RUN

SAVE

DOWNLOAD

SHARE

SCHEDULE

MORE

Query completed.

```
1 SELECT contributor_ip, COUNT(*) AS jumlah_kontribusi
2 FROM `bigquery-public-data.samples.wikipedia`
3 GROUP BY contributor_ip
4 ORDER BY jumlah_kontribusi DESC;
5
```

Press Alt+F1 for Accessibility Options.

Query results

SAVE RESULTSEXPLORE DATA

JOB INFORMATIONRESULTSCHARTJSONEXECUTION DETAILSEXECUTION GRAPH

Row	contributor_ip	jumlah_kontribusi
1	null	237051825
2	Template namespace initialisat...	48803
3	Conversion script	31744
4	217.129.67.28	24431