



Mochammad Taufiq Nurhidayat

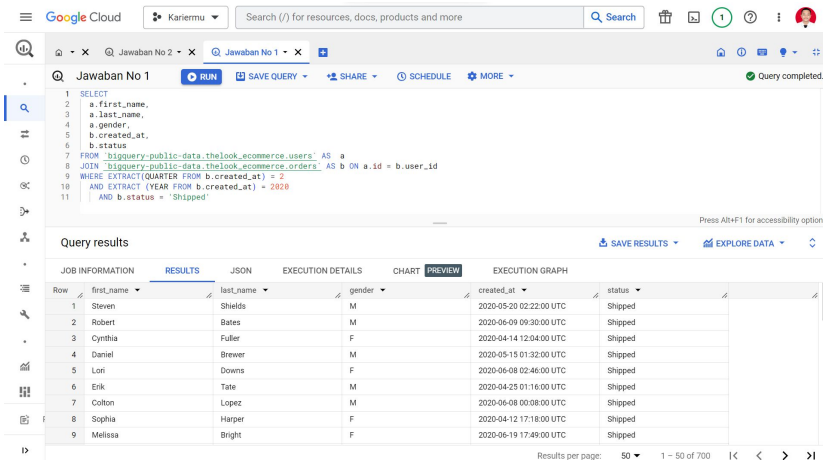
Tugas Mandiri 4



- Tampilkan nama depan, nama belakang, serta gender user yang memesan barang di tahun quarter ke 2 tahun 2020 dan statusnya “Shipped”

### Link Jawaban Nomor 1

<https://console.cloud.google.com/bigquery?sq=399923041216:d1c92a39dee24c62a2f55f745900f506>



The screenshot shows the Google Cloud BigQuery console interface. At the top, there's a search bar and navigation icons. Below, the query editor displays a SQL query. The query results are shown in a table with columns: Row, first\_name, last\_name, gender, created\_at, and status. The results show 9 rows of data, all with a status of 'Shipped'.

Query results

Row	first_name	last_name	gender	created_at	status
1	Steven	Shields	M	2020-05-20 02:22:00 UTC	Shipped
2	Robert	Bates	M	2020-06-09 09:30:00 UTC	Shipped
3	Cynthia	Fuller	F	2020-04-14 12:04:00 UTC	Shipped
4	Daniel	Brewer	M	2020-05-15 01:32:00 UTC	Shipped
5	Lori	Downs	F	2020-06-08 02:46:00 UTC	Shipped
6	Erik	Tate	M	2020-04-25 01:16:00 UTC	Shipped
7	Colton	Lopez	M	2020-06-08 00:08:00 UTC	Shipped
8	Sophia	Harper	F	2020-04-12 17:18:00 UTC	Shipped
9	Melissa	Bright	F	2020-06-19 17:49:00 UTC	Shipped

- Buatlah 3 kategori user berdasarkan umur dan tampilkan rata-rata umur untuk setiap kategorinya (Pastikan hasilnya hanya berupa 3 row yang berisi masing-masing kategori usia)

### Link Jawaban Nomor 2

<https://console.cloud.google.com/bigquery?sq=399923041216:391b825ae9ef4110a84eab39e343bc62>

The screenshot shows the Google Cloud BigQuery console interface. At the top, there's a search bar and navigation icons. Below, the 'Jawaban No 2' tab is active, displaying a SQL query. The query is a SELECT statement that categorizes users based on age into three groups: 'Kategori 1: Kurang dari 30 tahun', 'Kategori 2: Antara 30 dan 50 tahun', and 'Kategori 3: 50 tahun ke atas'. It then calculates the average age (AVG(AGE) AS Rata\_Rata\_Umur) for each category. The query is executed, and the results are shown in a table with 3 rows.

```
1 SELECT
2 CASE
3 WHEN AGE < 30 THEN 'Kategori 1: Kurang dari 30 tahun'
4 WHEN AGE >= 30 AND AGE < 50 THEN 'Kategori 2: Antara 30 dan 50 tahun'
5 ELSE 'Kategori 3: 50 tahun ke atas'
6 END AS Kategori,
7 AVG(AGE) AS Rata_Rata_Umur
8 FROM bigquery-public-data:thelook_ecommerce.users
9 GROUP BY Kategori;
```

Query results

Row	Kategori	Rata_Rata_Umur
1	Kategori 1: Kurang dari 30 tahun	20.498701554846939
2	Kategori 2: Antara 30 dan 50 ta...	39.428005674429741
3	Kategori 3: 50 tahun ke atas	59.989788210278974