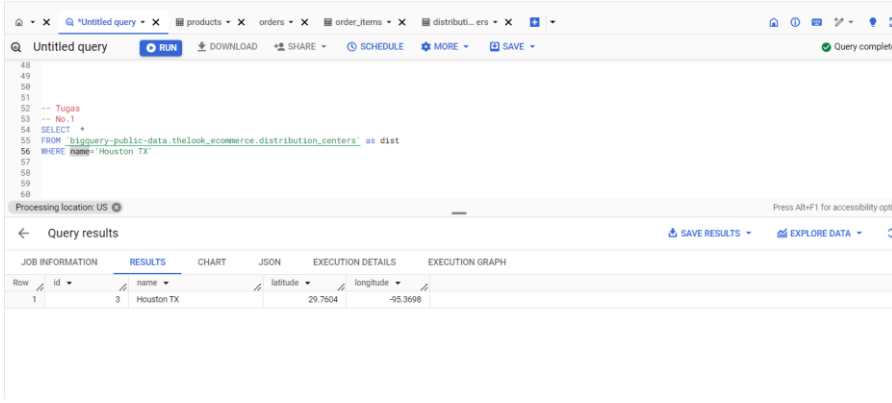


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Lampirkanlah query dan hasil running berupa screen shootnya !

No	Pertanyaan	Jawaban														
1	Buatlah sebuah query yang akan menampilkan lokasi distribution center lengkap dengan latitude dan longitudenya. Distribution center yang dimaksud adalah Houston TX!	<pre>SELECT * FROM `bigquery-public- data.thelook_ecommerce.distribution_centers` as dist WHERE name= 'Houston TX'</pre>  <p>The screenshot shows the BigQuery interface with the query executed. The results table has 3 rows and 6 columns: id, name, latitude, longitude, and two unnamed columns. The first row shows id 1, name Houston TX, latitude 29.7604, and longitude -95.3698.</p> <table><tr><th>Row</th><th>id</th><th>name</th><th>latitude</th><th>longitude</th><th></th><th></th></tr><tr><td>1</td><td>3</td><td>Houston TX</td><td>29.7604</td><td>-95.3698</td><td></td><td></td></tr></table>	Row	id	name	latitude	longitude			1	3	Houston TX	29.7604	-95.3698		
Row	id	name	latitude	longitude												
1	3	Houston TX	29.7604	-95.3698												
2.	Ada berapa traffic source yang digunakan oleh The Look Ecommerce dalam melakukan ekspansi bisnis melalui platform digital?	<pre>SELECT COUNT(distinct traffic_source) as sumber FROM `bigquery-public-data.thelook_ecommerce.events` as e</pre>  <p>The screenshot shows the BigQuery interface with the query executed. The results table has 1 row and 2 columns: sumber and an unnamed column. The first row shows sumber 5.</p> <table><tr><th>Row</th><th>sumber</th><th></th></tr><tr><td>1</td><td>5</td><td></td></tr></table>	Row	sumber		1	5									
Row	sumber															
1	5															

3	Ada berapa jumlah item yang diorder yang memiliki status Complete?	<pre>SELECT COUNT(distinct order_id) as jml_item_diorder FROM `bigquery-public-data.thelook_ecommerce.order_items` as oi WHERE status='Complete'</pre> <div><div>Untitled query</div><div><div>RUN</div><div>DOWNLOAD</div><div>SHARE</div><div>SCHEDULE</div><div>MORE</div><div>SAVE</div></div></div> <div>71 72 73 74 75 76 -- Tugas No 3 77 SELECT COUNT(distinct order_id) as jml_item_diorder 78 FROM `bigquery-public-data.thelook_ecommerce.order_items` as oi 79 WHERE status='Complete' 80 81 82 83</div> <div>Processing location: US</div> <div>← Query results</div> <div><div>JOB INFORMATION</div><div>RESULTS</div><div>CHART</div><div>JSON</div><div>EXECUTION DETAILS</div><div>EXECUTION GRAPH</div></div> <table><tr><th>Row</th><th>jml_item_diorder</th></tr><tr><td>1</td><td>31369</td></tr></table>	Row	jml_item_diorder	1	31369						
Row	jml_item_diorder											
1	31369											
4	Bagaimana karakteristik demografi pelanggan dengan nama Ronald Lopez. Usia: Gender: Alamat: Negara:	<pre>SELECT age as usia, gender, street_address as alamat, country as negara FROM `bigquery-public-data.thelook_ecommerce.users` as u WHERE first_name = 'Ronald' AND last_name='Lopez'</pre> <div><div>Untitled query</div><div><div>RUN</div><div>DOWNLOAD</div><div>SHARE</div><div>SCHEDULE</div><div>MORE</div><div>SAVE</div></div></div> <div>82 83 84 -- Tugas Nomor 4 85 SELECT age as usia, 86 gender, 87 street_address as alamat, 88 country as negara 89 FROM `bigquery-public-data.thelook_ecommerce.users` as u 90 WHERE first_name = 'Ronald' AND last_name='Lopez' 91 92 93 94</div> <div>Processing location: US</div> <div>← Query results</div> <div><div>JOB INFORMATION</div><div>RESULTS</div><div>CHART</div><div>JSON</div><div>EXECUTION DETAILS</div><div>EXECUTION GRAPH</div></div> <table><tr><th>Row</th><th>usia</th><th>gender</th><th>alamat</th><th>negara</th></tr><tr><td>1</td><td>57</td><td>M</td><td>5215 Watson Trail</td><td>United States</td></tr></table>	Row	usia	gender	alamat	negara	1	57	M	5215 Watson Trail	United States
Row	usia	gender	alamat	negara								
1	57	M	5215 Watson Trail	United States								

5	Buatlah query yang dapat menampilkan jumlah customer di Brasil yang usianya >= 25 tahun serta berjenis kelamin wanita!	<p>Terdapat 5473 customer yang berasal dari Brasil dengan usia &gt;= 25 tahun dan berjenis kelamin wanita</p> <pre>SELECT count(distinct id) FROM `bigquery-public-data.thelook_ecommerce.users` as u WHERE country='Brasil' AND gender='F' AND age &gt;= 25</pre>  <p>The screenshot shows the Google BigQuery web interface. At the top, there's a toolbar with buttons for 'RUN', 'DOWNLOAD', 'SHARE', 'SCHEDULE', 'MORE', and 'SAVE'. Below the toolbar, the query editor shows the SQL query. The 'Query results' tab is active, displaying a table with one row and one column. The row number is 1, and the value is 5473. The processing location is set to US.</p> <table><tr><th>Row</th><th>fo_</th></tr><tr><td>1</td><td>5473</td></tr></table>	Row	fo_	1	5473
Row	fo_					
1	5473					
6	Menggunakan Common Table Expression atau CTE untuk menghitung total product terjual di Negara Amerika Serikat atau United States	<p>Terdapat sebanyak 27.838 order di Amerika Serikat Dimana total produk yang terjual sebanyak 40.462</p> <pre>with produk_terjual as ( SELECT o.order_id, oi.product_id, u.country from `bigquery-public-data.thelook_ecommerce.orders` as o inner join `bigquery-public- data.thelook_ecommerce.order_items` as oi ON o.order_id=oi.order_id inner join `bigquery-public-data.thelook_ecommerce.users` as u ON o.user_id=u.id ) select count(distinct order_id) as total_order, count(product_id) as total_produk_terorder, from produk_terjual where produk_terjual.country='United States'</pre>				

Untitled query

RUN

DOWNLOAD

SHARE

SCHEDULE

MORE

SAVE

```
102
103
104 -- Tugas No 6
105 -- Menggunakan CTE untuk menghitung total produk terjual
106 with produk_terjual as
107 (
108 SELECT o.order_id,
109        oi.product_id,
110        u.country
111 from `bigquery-public-data.thelook_ecommerce.orders` as o
112 inner join `bigquery-public-data.thelook_ecommerce.order_items` as oi ON o.order_id=oi.order_id
113 inner join `bigquery-public-data.thelook_ecommerce.users` as u ON o.user_id=u.id
114 )
115 select count(distinct order_id) as total_order,
116        count(product_id) as total_produk_terorder,
117 from produk_terjual
118 where produk_terjual.country='United States'
119
120
121
122
```

Processing location: US

Query results

JOB INFORMATION		RESULTS	CHART	JSON	EXECUTION DETAILS	EXECUTION GRAPH
Row	total_order	total_produk_terorder				
1	27838	40462				

Just additional. Jika dilihat dari statusnya maka selain yang cancel order ternyata terdapat 23.654 total order dari amerika yang statusnya tidak dibatalkan (cancelled) dari dari total order tersebut sebanyak 34.359 produk yang sebenarnya terjual. (note: jika returned dianggap terjual)

```
103
104 -- Tugas No 6
105 -- Menggunakan CTE untuk menghitung total produk terjual
106 with produk_terjual as
107 (
108 SELECT o.order_id,
109        oi.product_id,
110        oi.status,
111        u.country
112 from `bigquery-public-data.thelook_ecommerce.orders` as o
113 inner join `bigquery-public-data.thelook_ecommerce.order_items` as oi ON o.order_id=oi.order_id
114 inner join `bigquery-public-data.thelook_ecommerce.users` as u ON o.user_id=u.id
115 )
116 select count(distinct order_id) as total_order,
117        count(product_id) as total_produk_terorder,
118 from produk_terjual
119 where produk_terjual.status != 'Cancelled' AND produk_terjual.country='United States'
120
121
122
123
```

Processing location: US

Query results

JOB INFORMATION		RESULTS	CHART	JSON	EXECUTION DETAILS	EXECUTION GRAPH
Row	total_order	total_produk_terorder				
1	23654	34359				