

Business Case: Ta | airlock-on-edge | Business Case:Ta | BigQuery - target | Target SQL - Refe | How to set up Bi | Target- SQL Busi | to take a screens | +

console.cloud.google.com/bigquery?hl=en&project=target-428821&ws=!1m14!1m3!3m2!1starget-428821!2starget!1m4!1m3!1starget-428821!2sbquxjob_10b26c93_19094614b8d!3...

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target

- customers
- geolocation
- order_items
- order_reviews
- orders

SUMMARY

Nothing currently selected

Untitled query

RUN SAVE DOWNLOAD SHARE SCHEDULE MORE

1. Data type of all columns in the "customers" table.

```
1 select column_name,data_type from target-428821.target.INFORMATION_SCHEMA.COLUMNS
2 where table_name = 'customers'
```

Query results

Press Alt+F1 for Accessibility Options.

SAVE RESULTS EXPLORE DATA

Row	column_name	data_type
1	customer_id	STRING
2	customer_unique_id	STRING
3	customer_zip_code_prefix	INT64
4	customer_city	STRING
5	customer_state	STRING

Job history

REFRESH

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Search

03:37 09-07-2024 ENG US PRE

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Data canvases

External connections

target

- customers
- geolocation
- order_items
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SUMMARY

Nothing currently selected

Untitled query

RUN SAVE DOWNLOAD SHARE SCHEDULE MORE

1. Data type of all columns in the "customers" table.

```
1 select column_name,data_type from target-428821.target.INFORMATION_SCHEMA.COLUMNS
2 where table_name ='customers'
```

#2. Get the time range between which the orders were placed.

```
3 select
4 min(order_purchase_timestamp) as first_order_data,
5 max(order_purchase_timestamp) as last_order_data
6 from target.orders
```

Query results

Press Alt+F1 for Accessibility Options.

SAVE RESULTS EXPLORE DATA

Row	first_order_data	last_order_data
1	2016-09-04 21:15:19 UTC	2018-10-17 17:30:18 UTC

Job history

REFRESH

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Search

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- External connections
- target
 - customers
 - geolocation
 - order_items
 - order_reviews
 - orders
 - payments

SUMMARY

Nothing currently selected

Untitled query

RUN SAVE DOWNLOAD SHARE

```
10 min(order_purchase_timestamp) as first_order_data,
11 max(order_purchase_timestamp) as last_order_data
12 from target.orders
13
14 #1.c
15
16 select
17 count(distinct c.customer_city) as city_cnt,
18 count(distinct c.customer_state) as state_cnt
19 from target.orders o
20 inner join target.customers c
21 using(customer_id);
```

Query results

Row	city_cnt	state_cnt
1	4119	27

Job history

Save query

Project target-428821

Name* yuvraj

Region* us-central1 (Iowa)

This will save your code asset in a new region. This setting will also set the default region where your code assets will be stored in the future. [Learn more](#)

SAVING... CANCEL

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- BigQuery Studio
- Data transfers
- Scheduled queries
- Analytics Hub
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- Partner Center
- Orchestration

Migration

- Assessment
- SQL translation

Administration

- Release Notes

Explorer + ADD [I](#)

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Viewing resources.

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target-428821 [☆](#) [⋮](#)

Untitled query [RUN](#) [SAVE](#) [DOWNLOAD](#) [SHARE](#) [SCHEDULE](#) [MORE](#) [Query completed.](#)

```
1 # 2.1 Is there a growing trend in the no. of orders placed over the past years?
2
3 select
4 extract(year from order_purchase_timestamp) as year,
5 count(*) as order_count
6 from target.orders
7 group by extract(year from order_purchase_timestamp)
```

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

Row	year	order_count
1	2017	45101
2	2018	54011
3	2016	329

Job history [REFRESH](#)

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Explorer + ADD [K](#)

Type to search

Viewing resources. SHOW STARRED ONLY

target-428821

Untitled query [RUN](#) [SAVE](#) [DOWNLOAD](#) [SHARE](#) [SCHEDULE](#) [MORE](#) [Query completed.](#)

```
6 from target.orders
7 group by extract(year from order_purchase_timestamp)
8
9 # 3.1 Can we see some kind of monthly seasonality in terms of the no. of orders being placed
10
11 select
12 extract(month from order_purchase_timestamp) as month,
13 extract(year from order_purchase_timestamp) as year,
14 count(*) as order_count
15 from target.orders
16 group by 1,2
17 order by 1,2
```

Find Aa ab * No results ↑ ↓ = X

Press Alt+F1 for Accessibility Options.

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

Row	month	year	order_count
1	1	2017	800
2	1	2018	7269
3	2	2017	1780
4	2	2018	6728

Results per page: 50 1 - 25 of 25 < > >>

Job history [REFRESH](#)

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Release Notes

Explorer + ADD

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Viewing resources.

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target-428821

- Queries
- (Classic) Queries (1)
- Project queries
- target
- Notebooks
- Data canvases
- External connections

SUMMARY

target

target-428821

Visibility personal

target

Untitled query Untitled query *target

RUN SCHEDULE MORE SAVE QUERY (CLASSIC) SHARE

*target

```
76 where order_status = 'delivered'
77
78 # 5.b Find out the top 5 states with the highest & lowest average freight value.
79
80 select
81 c.customer_state as state,
82 avg(freight_value) as tot_freight_value
83 from target.customers c inner join target.orders o using (customer_id)
84 inner join target.order_items using(order_id)
85 group by state
86
87
```

Query results

SAVE RESULTS EXPLORE DATA

Row	state	tot_freight_value
1	RN	35.65236294896...
2	CE	32.71420162381...
3	RS	21.73580433039...
4	SC	21.47036877394...

RESULTS CHART JSON EXECUTION DETAILS EXECUTION GRAPH

Results per page: 50 1 - 27 of 27

Job history

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Queries (Classic) Queries (1)

Project queries

target

Notebooks

Data canvases

External connections

target

SUMMARY

target

target-428821

Visibility personal

target

Untitled query Untitled query *target target

RUN SCHEDULE MORE SAVE QUERY (CLASSIC) SHARE

target

98 where order_status = 'delivered'
99 group by state
100 order by avg_del_time
101
102 # 6.1 Find the month on month no. of orders placed using different payment types.#
103
104
105 #6.2
106
107 select distinct(payment_installments) from `target.payments`
108 group by payment_installments
109

Query results

SAVE RESULTS EXPLORE DATA

JOB INFORMATION RESULTS CHART JSON EXECUTION DETAILS EXECUTION GRAPH

Row	payment_installment
1	0
2	1
3	2
4	3

Results per page: 50 1 - 24 of 24

Job history

REFRESH

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Search

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