

LATIHAN 1

Create dataset

Project ID
praxis-tensor-345508 [CHANGE](#)

Dataset ID *
CindyBilling
Letters, numbers, and underscores allowed

Data location
us (multiple regions in United States) ▼ ?

Default table expiration

☐ Enable table expiration ?

Default maximum table age

Days

Advanced options



CREATE DATASET

CANCEL

Create table

Source

Create table from
Google Cloud Storage

Select file from GCS bucket or use a URI pattern *

cloud-training/archinfra/export-billing-example.csv [BROWSE](#) ?

File format
CSV

☐ Source Data Partitioning

Destination

Project *
praxis-tensor-345508 [BROWSE](#)

Dataset *
CindyBilling

Table *
sampleinfotable
Unicode letters, marks, numbers, connectors, dashes or spaces allowed.

Table type
Native table ▼ ?

Schema

[CREATE TABLE](#) [CANCEL](#)

Create table - BigQuery - My First Project

console.cloud.google.com/bigquery?project=praxis-tensor-345508&ws=1m4101m313m211spraxis-tensor-3455082sCindyBilling

Create table

Schema

☒ Auto detect

Schema will be automatically generated.

Partition and cluster settings

Partitioning: No partitioning

Clustering order:

Clustering order determines the sort order of the data. Clustering can be used on both partitioned and non-partitioned tables.

Advanced options

Write preference: Write if empty

Number of errors allowed: 0

☐ Unknown values

Field delimiter: Comma

Header rows to skip: 1

CREATE TABLE **CANCEL**

Query results - BigQuery - My First Project

console.cloud.google.com/bigquery?project=praxis-tensor-345508&ws=1m101m41m4m311spraxis-tensor-34550813sampleinfotable1m411m311spraxis-tensor-3455082sbquj...

sampleinfotable

```
1 SELECT * FROM praxis-tensor-345508.CindyBilling.sampleinfotable
```

Query results

SAVE RESULTS **EXPLORE DATA**

Row	Account_ID	Line_Item	Start_Time	End_Time	Project	Meas
1	000000-000000-000040	com.google.cloud/services/cloud-sql/DiskSpaceGb	2016-12-13 08:00:00 UTC	2016-12-14 08:00:00 UTC	449712193911	com.ε
2	000000-000000-000041	com.google.cloud/services/cloud-sql/IpAddress	2016-12-13 08:00:00 UTC	2016-12-14 08:00:00 UTC	449712193911	com.ε
3	000000-000000-000042	com.googleapis/services/pubsub/MessageOperations	2016-12-13 08:00:00 UTC	2016-12-14 08:00:00 UTC	449712193911	com.ε
4	000000-000000-000043	com.googleprod/services/stackdriver/Billable_monitored_resource_usage_free_tier	2016-12-13 08:00:00 UTC	2016-12-14 08:00:00 UTC	449712193911	com.ε
5	000000-000000-000000	com.google.cloud/services/cloud-sql/DiskSpaceGb	2016-12-12 08:00:00 UTC	2016-12-13 08:00:00 UTC	449712193911	com.ε
6	000000-000000-000001	com.google.cloud/services/cloud-sql/IpAddress	2016-12-12 08:00:00 UTC	2016-12-13 08:00:00 UTC	449712193911	com.ε

Results per page: 50 1 - 44 of 44

PERSONAL HISTORY **PROJECT HISTORY** **SAVED QUERIES** **REFRESH**

LATIHAN 2

The screenshot shows the Google Cloud Platform console interface. The top navigation bar includes the Google Cloud Platform logo, the project name 'My First Project', a search bar, and links to 'Products, resources, docs (/)'. The left sidebar shows the 'Explorer' view with a search bar and a list of pinned projects: 'praxis-tensor-345508' and 'CindyBilling'. The 'sampleinfotable' table is selected under 'CindyBilling'. The main panel displays the 'DETAILS' tab for the 'sampleinfotable' table. The table information is as follows:

Table ID	praxis-tensor-345508.CindyBilling.sampleinfotable
Table size	12.4 KB
Long-term storage size	0 B
Number of rows	44
Created	Jun 13, 2022, 11:57:34 AM UTC+8
Last modified	Jun 13, 2022, 11:57:34 AM UTC+8
Table expiration	Aug 12, 2022, 11:57:34 AM UTC+8
Data location	US
Default collation	[null]
Description	

At the bottom of the main panel, there are tabs for 'PERSONAL HISTORY', 'PROJECT HISTORY', and 'SAVED QUERIES', along with a 'REFRESH' button.

The screenshot shows the Google Cloud Platform console interface, similar to the previous one, but with the 'PREVIEW' tab selected for the 'sampleinfotable' table. The preview displays a table with 44 rows and 6 columns: 'Row', 'Account_ID', 'Line_Item', 'Start_Time', 'End_Time', and 'Project'. The data is as follows:

Row	Account_ID	Line_Item	Start_Time	End_Time	Project
1	000000-000000-000040	com.google.cloud/services/cloud-sql/DiskSpaceGb	2016-12-13 08:00:00 UTC	2016-12-14 08:00:00 UTC	449712193911 com.ε
2	000000-000000-000041	com.google.cloud/services/cloud-sql/IpAddress	2016-12-13 08:00:00 UTC	2016-12-14 08:00:00 UTC	449712193911 com.ε
3	000000-000000-000042	com.googleapis/services/pubsub/MessageOperations	2016-12-13 08:00:00 UTC	2016-12-14 08:00:00 UTC	449712193911 com.ε
4	000000-000000-000043	com.googleprod/services/stackdriver/Billable_monitored_resource_usage_free_tier	2016-12-13 08:00:00 UTC	2016-12-14 08:00:00 UTC	449712193911 com.ε
5	000000-000000-000000	com.google.cloud/services/cloud-sql/DiskSpaceGb	2016-12-12 08:00:00 UTC	2016-12-13 08:00:00 UTC	449712193911 com.ε
6	000000-000000-000001	com.google.cloud/services/cloud-sql/IpAddress	2016-12-12 08:00:00 UTC	2016-12-13 08:00:00 UTC	449712193911 com.ε
7	000000-000000-000006	com.google.cloud/services/cloud-storage/ClassARequestNearline	2016-12-12 08:00:00 UTC	2016-12-13 08:00:00 UTC	449712193911 com.ε
8	000000-000000-000035	com.google.cloud/services/compute-engine/StaticIpCharge	2016-12-12 08:00:00 UTC	2016-12-13 08:00:00 UTC	449712193911 com.ε
9	000000-000000-000039	com.googleprod/services/stackdriver/Billable_monitored_resource_usage_free_tier	2016-12-12 08:00:00 UTC	2016-12-13 08:00:00 UTC	449712193911 com.ε
10	000000-000000-000002	com.google.cloud/services/cloud-sql/StoragePdSsd	2016-12-12 08:00:00 UTC	2016-12-13 08:00:00 UTC	574501435005 com.ε
11	000000-000000-000003	com.google.cloud/services/cloud-sql/VmN1Standard1Na	2016-12-12 08:00:00 UTC	2016-12-13 08:00:00 UTC	574501435005 com.ε
12	000000-000000-000004	com.google.cloud/services/cloud-storage/BandwidthDownloadAmerica	2016-12-12 08:00:00 UTC	2016-12-13 08:00:00 UTC	574501435005 com.ε
13	000000-000000-000005	com.google.cloud/services/cloud-storage/ClassARequestMultiRegional	2016-12-12 08:00:00 UTC	2016-12-13 08:00:00 UTC	574501435005 com.ε
14	000000-000000-000007	com.google.cloud/services/cloud-storage/ClassBRequestMultiRegional	2016-12-12 08:00:00 UTC	2016-12-13 08:00:00 UTC	574501435005 com.ε
15	000000-000000-000008	com.google.cloud/services/cloud-storage/StorageMultiRegionalUseGbsec	2016-12-12 08:00:00 UTC	2016-12-13 08:00:00 UTC	574501435005 com.ε
16	000000-000000-000009	com.google.cloud/services/compute-engine/Licensed1000204Core	2016-12-12 08:00:00 UTC	2016-12-13 08:00:00 UTC	574501435005 com.ε
17	000000-000000-000010	com.google.cloud/services/compute-engine/Licensed1000204N1Standard_1	2016-12-12 08:00:00 UTC	2016-12-13 08:00:00 UTC	574501435005 com.ε
18	000000-000000-000011	com.google.cloud/services/compute-engine/Licensed1000204Ram	2016-12-12 08:00:00 UTC	2016-12-13 08:00:00 UTC	574501435005 com.ε
19	000000-000000-000012	com.google.cloud/services/compute-engine/Licensed1000204GPU	2016-12-12 08:00:00 UTC	2016-12-13 08:00:00 UTC	574501435005 com.ε

At the bottom of the main panel, there are tabs for 'PERSONAL HISTORY', 'PROJECT HISTORY', and 'SAVED QUERIES', along with a 'REFRESH' button. The 'Results per page' is set to 50, and the current page is 1 of 44.

LATIHAN 3

The screenshot shows the Data Studio interface with an 'Untitled Report' open. The toolbar includes options like 'Add page', 'Add data', 'Add a chart', 'Add a control', and 'Theme and layout'. The 'Data credentials' dropdown is set to 'Cindy'.

The screenshot shows the 'BigQuery' data source selection screen. It includes a search bar, a list of recent projects, and a table of available datasets and tables. The 'CindyBilling' dataset and 'sampleinfotable' table are selected.

Project	Dataset	Table
Enter Project Id manually	CindyBilling	sampleinfotable

The screenshot shows a report with a table of account data. The table has columns for 'Account_ID' and 'Record Count'. The 'Record Count' column is highlighted. The right sidebar shows the 'Chart > Table' view with the 'DATA' tab selected. The 'Data source' is 'sampleinfotable' and the 'Metric' is 'Record Count'.

Account_ID	Record Count
000000-000000-000042	1
000000-000000-000000	1
000000-000000-000001	1
000000-000000-000006	1
000000-000000-000039	1
000000-000000-000002	1
000000-000000-000003	1
000000-000000-000004	1
000000-000000-000005	1
000000-000000-000007	1
000000-000000-000008	1
000000-000000-000010	1
000000-000000-000011	1
000000-000000-000012	1
000000-000000-000013	1
000000-000000-000014	1
000000-000000-000015	1
000000-000000-000016	1
000000-000000-000017	1