



Apr 2, 2023

shivam prakashbhai kachhadiya

has successfully completed

Introduction to SQL for BigQuery and Cloud SQL

an online non-credit project authorized by Google Cloud and offered through Coursera

Google Cloud Training

PROJECT
CERTIFICATE



Verify at:
<https://coursera.org/verify/LFHB8QNL19SZ>

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qwiklabs-demo - Overview - SQL x Cloud Shell x

console.cloud.google.com/sql/instances/qwiklabs-demo/overview?authuser=0&project=qwiklabs-gcp-01-68b479b0c870&supportedpurview=project&cloudshell=true

Google Cloud

qwiklabs-gcp-01-68b479b0c870

Search (/) for resources, docs, products, and more

SQL

Overview

PRIMARY INSTANCE

- Overview
- Query insights
- Connections
- Users
- Databases
- Backups
- Runtime
- Release Notes

No data is available for the selected time frame.

UTC+0:30 2:00 AM 4:00 AM 6:00 AM 8:00 AM 10:00 AM 12:00 PM 2:00 PM 4:00 PM 6:00 PM 8:00 PM 10:00 PM

Go to Query Insights for more in-depth info on queries and performance

Connect to this instance

Connection name

qwiklabs-gcp-01-68b479b0c870:us-central1:qwiklabs-demo

Need help connecting?

Configuration

| | | |
|-------|--------|-------------|
| vCPUs | Memory | SSD storage |
| 4 | 26 GB | 100 GB |

Open Editor

Welcome to Cloud Shell! Type "help" to get started.
Your Cloud Platform project in this session is set to **qwiklabs-gcp-01-68b479b0c870**.
Use "gcloud config set project [PROJECT_ID]" to change to a different project.
student_00_s0plaa0cd1d6@cloudshell:~ (qwiklabs-gcp-01-68b479b0c870) \$

Click here to see details about your Cloud Shell session and usage quota

Got it!

870.4 Kbps
237.9 Kbps

ENG IN 10:59 PM 02-04-2023

The screenshot displays the Google Cloud console interface for a SQL instance named 'qwiklabs-gcp-01-68b479b0c870'. The instance is in the 'Running' state. The 'Overview' tab is selected, showing a timeline of activity. The 'Configuration' tab shows 4 vCPUs, 26 GB memory, and 100 GB SSD storage. The 'Connect to this instance' section shows the public IP address 35.225.25.129. The 'Cloud Shell' terminal is open at the bottom, showing the command to connect to the instance and the resulting connection details.

qwiklabs-demo - Overview - SQL x gcloud CLI Remote Login x Cloud Shell x New Tab x

console.cloud.google.com/sql/instances/qwiklabs-demo/overview?authuser=0&project=qwiklabs-gcp-01-68b479b0c870&supportedpurview=project&cloudshell=true

Google Cloud

qwiklabs-gcp-01-68b479b0c870

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SQL

Overview

PRIMARY INSTANCE

Release Notes

Public IP address

35.225.25.129

Connection name

Configuration

vCPUs

4

Memory

26 GB

SSD storage

100 GB

CLOUD SHELL

Terminal

(qwiklabs-gcp-01-68b479b0c870) x +

Open Editor

Welcome to Cloud Shell! Type "help" to get started.
Your Cloud Platform project in this session is set to **qwiklabs-gcp-01-68b479b0c870**.
Use "gcloud config set project [PROJECT_ID]" to change to a different project.
student 00 50blaa0odid6@cloudshell: (qwiklabs-gcp-01-68b479b0c870) \$ gcloud sql connect qwiklabs-demo --user=root --quiet
Allowlisting your IP for incoming connection for 5 minutes...done.
Connecting to database with SQL user [root].Enter password:
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 108
Server version: 5.7.39-google-log (Google)
Copyright (c) 2000, 2023, Oracle and/or its affiliates.
Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> CREATE DATABASE hike;

34.9 Kbps
31.4 Kbps

ENG IN

11:12 PM
02-04-2023

qwiklabs-demo - Overview - SQL | gcloud CLI Remote Login | Cloud Shell | New Tab

console.cloud.google.com/sql/instances/qwiklabs-demo/overview?authuser=0&project=qwiklabs-gcp-01-68b479b0c870&supportedpurview=project&cloudshell=true

Google Cloud | qwiklabs-gcp-01-68b479b0c870 | Search (/) for resources, docs, products, and more | Search

SQL | Overview | EDIT | IMPORT | EXPORT | RESTART | STOP | DELETE | CLONE | FAILOVER | HELP ASSISTANT

PRIMARY INSTANCE

- Overview
- Query insights
- Connections
- Users
- Databases
- Backups
- Release Notes

Connect to this instance

Public IP address

35.225.25.129

Connection name

qwiklabs-gcp-01-68b479b0c870:us-central1:qwiklabs-demo

Need help connecting?

Review the documentation to learn about the many ways to connect to your instance.
[Learn more](#)

To connect using gcloud,
[OPEN CLOUD SHELL](#)

To learn about connecting with a Compute Engine VM,

Configuration

| | | |
|-------|--------|-------------|
| vCPUs | Memory | SSD storage |
| 4 | 26 GB | 100 GB |

- Database version is MySQL 5.7.39
- Auto storage increase is enabled
- Automated backups are enabled
- Point-in-time recovery is enabled
- Instance deletion protection is enabled
- Located in us-central1-b

CLOUD SHELL

Terminal (qwiklabs-gcp-01-68b479b0c870) | Open Editor

```
Connecting to database with SQL user [root].Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 194
Server version: 5.7.39-google-log (Google)

Copyright (c) 2000, 2023, Oracle and/or its affiliates.

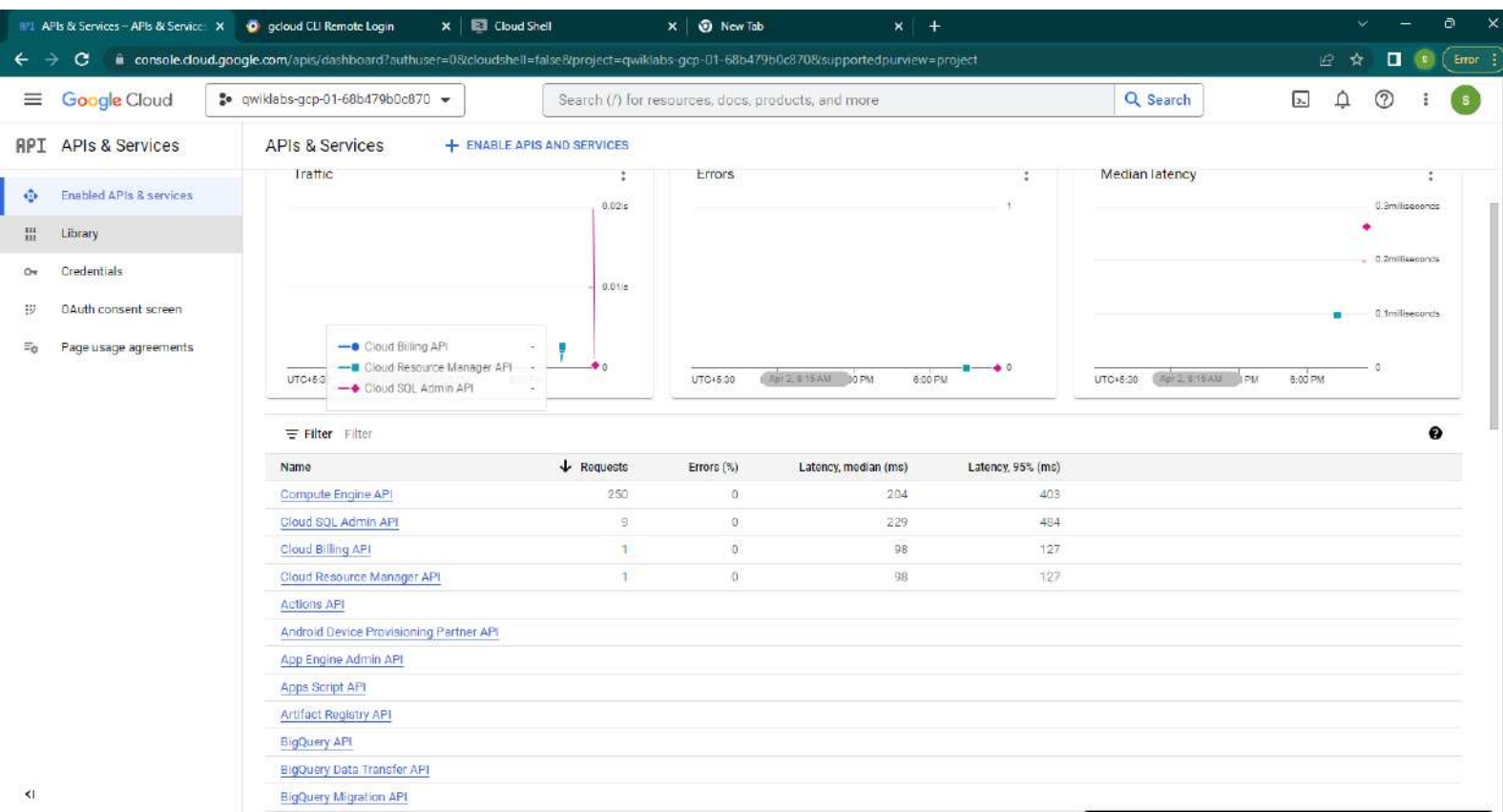
Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> SELECT * FROM london1;
ERROR 1046 (3D000): No database selected
mysql>
```

5.0 Kbps
5.1 Kbps

11:16 PM
02-04-2023



All products - qwiklabs-gcp-01-68b479b0c870

gcloud CLI Remote Login

Cloud Shell

New Tab

console.cloud.google.com/products?authuser=0&cloudshell=false&project=qwiklabs-gcp-01-68b479b0c870&supportedpurview=project

Google Cloud

qwklabs-gcp-01-68b479b0c870

Search (/) for resources, docs, products, and more

Search

Management

Compute

Storage

Analytics

Networking

Distributed Cloud

Serverless

Databases

Operations

Security

CI/CD

Artificial Intelligence

Integration Services

All products

Explore products from Google Cloud and recommended partners at a glance

Find and deploy over 4,500 products in Marketplace

VISIT MARKETPLACE

Management

Control costs, establish identity and access management, and use APIs

| Name | Description |
|-------------------------------------|---|
| APIs & Services | API management for cloud services |
| Billing | Assortment of billing and cost management tools |
| IAM & Admin | Resource access control |

Compute

Run scalable virtual machines and containers

| Name | Description |
|-----------------------------------|--|
| Compute Engine | VMs, GPUs, TPUs, disks |
| Kubernetes Engine | Managed Kubernetes / containers |
| VMware Engine | VMware as a service |
| Anthos | Enterprise hybrid multi-cloud platform |
| Batch | Jobs as a service |

50.7 Kbps

28.9 Kbps

ENG IN

11:20 PM 02-04-2023

shivam_cloud_bucket - Bucket details

gcloud CU Remote Login

Cloud Shell

New Tab

console.cloud.google.com/storage/browser/shivam_cloud_bucket?tab=objects&forceOnBucketsSortingFiltering=false&authuser=0&doudshell=false&project=qwiklabs-gcp-01-68b479b0c870&support...

Google Cloud

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Search (/) for resources, docs, products, and more

Search

REFRESH

HELP ASSISTANT

LEARN

Error

Cloud Storage

Buckets

Monitoring NEW

Settings

Marketplace

Release Notes

Bucket details

shivam_cloud_bucket

Location: asia (multiple regions in Asia) | Storage class: Standard | Public access: Not public | Protection: None

OBJECTS | CONFIGURATION | PERMISSIONS | PROTECTION | LIFECYCLE | OBSERVABILITY NEW

Buckets > shivam_cloud_bucket

UPLOAD FILES | UPLOAD FOLDER | CREATE FOLDER | TRANSFER DATA | MANAGE HOLDS | DOWNLOAD | DELETE

Filter by name prefix only | Filter: Filter objects and folders | Show deleted data

| Name | Size | Type | Created | Storage class | Last modified | Public |
|------------------------|---------|----------|--------------------------|---------------|--------------------------|--------|
| end_station_name | 30.8 KB | text/csv | Apr 2, 2023, 10:53:27 PM | Standard | Apr 2, 2023, 10:53:27 PM | Not p |
| start_station_name.csv | 30.9 KB | text/csv | Apr 2, 2023, 10:52:29 PM | Standard | Apr 2, 2023, 10:52:29 PM | Not p |

Get started with Cloud Storage

Getting bucket information | Uploading objects | Downloading objects | Use cases for Cloud Storage | Terraform samples | Architecture guides for storage

79.6 Kbps

104.9 Kbps

11:20 PM

02-04-2023

BigQuery - qwiklabs-gcp-01-68b479b0c870

console.cloud.google.com/bigquery?authuser=0&cloudshell=false&project=qwiklabs-gcp-01-68b479b0c870&supportedpurview=project&ws=11m511m44m311sbigquery-public:data12sgoogle_trend...

Google Cloud

qwklabs-gcp-01-68b479b0c870

Search (/) for resources, docs, products, and more

BigQuery

Explorer

Viewing starred resources.

SHOW STARRED ONLY

- qwklabs-gcp-01-68b479b0c870
- bigquery-public-data
 - google_trends
 - top_terms

top_terms

QUERY SHARE COPY SNAPSHOT DELETE EXPORT REFRESH

This is a partitioned table. [Learn more](#)

DISMISS

SCHEMA DETAILS PREVIEW LINEAGE

| Row | dima_id | term | week | score | rank | refresh_date | dima_name |
|-----|---------|------|------------|-------|------|--------------|--------------------|
| 4 | 500 | Meta | 2018-04-08 | null | 13 | 2023-03-15 | Portland-Auburn ME |
| 5 | 500 | Meta | 2018-04-15 | null | 13 | 2023-03-15 | Portland-Auburn ME |
| 6 | 500 | Meta | 2018-04-22 | null | 13 | 2023-03-15 | Portland-Auburn ME |
| 7 | 500 | Meta | 2018-04-29 | 12 | 13 | 2023-03-15 | Portland-Auburn ME |
| 8 | 500 | Meta | 2018-05-06 | 16 | 13 | 2023-03-15 | Portland-Auburn ME |
| 9 | 500 | Meta | 2018-05-13 | 46 | 13 | 2023-03-15 | Portland-Auburn ME |
| 10 | 500 | Meta | 2018-05-20 | 24 | 13 | 2023-03-15 | Portland-Auburn ME |
| 11 | 500 | Meta | 2018-05-27 | 30 | 13 | 2023-03-15 | Portland-Auburn ME |
| 12 | 500 | Meta | 2018-06-03 | null | 13 | 2023-03-15 | Portland-Auburn ME |
| 13 | 500 | Meta | 2018-06-10 | 12 | 13 | 2023-03-15 | Portland-Auburn ME |
| 14 | 500 | Meta | 2018-06-17 | 44 | 13 | 2023-03-15 | Portland-Auburn ME |
| 15 | 500 | Meta | 2018-06-24 | 16 | 13 | 2023-03-15 | Portland-Auburn ME |
| 16 | 500 | Meta | 2018-07-01 | null | 13 | 2023-03-15 | Portland-Auburn ME |
| 17 | 500 | Meta | 2018-07-08 | 14 | 13 | 2023-03-15 | Portland-Auburn ME |
| 18 | 500 | Meta | 2018-07-15 | 11 | 13 | 2023-03-15 | Portland-Auburn ME |
| 19 | 500 | Meta | 2018-07-22 | 11 | 13 | 2023-03-15 | Portland-Auburn ME |
| 20 | 500 | Meta | 2018-07-29 | 15 | 13 | 2023-03-15 | Portland-Auburn ME |

Results per page: 50 1 - 50 of 4368951

PERSONAL HISTORY PROJECT HISTORY REFRESH

22.4 Kbps 1.5 Mbps

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