

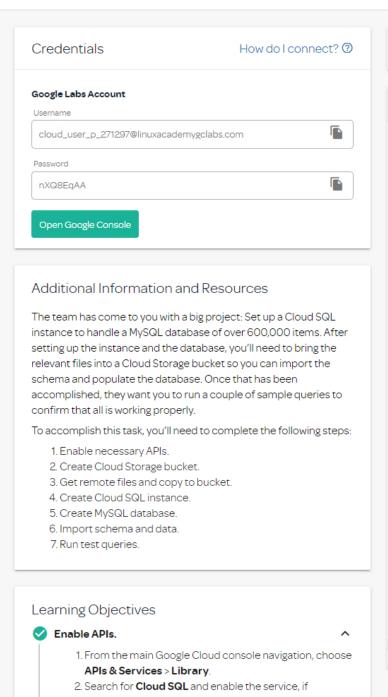
We are aware of an ongoing issue concerning Course Progress and Recent Courses. We are working to correct this. Please note that your course progress is being recorded, even if it is not being displayed correctly. Thank you for your understanding.

Working with Data in Google Cloud SQL

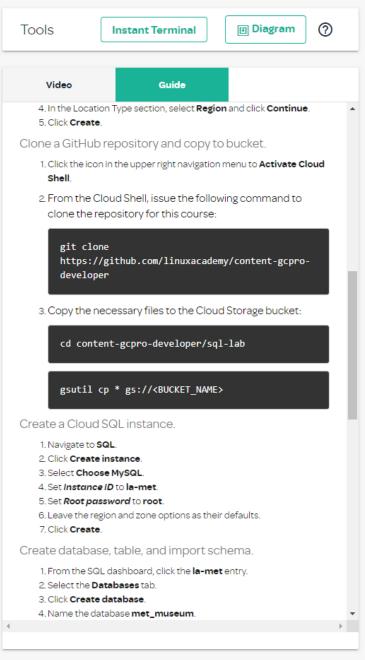
114 Min. Remaining

Beginner





 Return to the APIs Library page and search for Cloud Storage and enable it as well, if necessary.





git clone https://github.com/linuxacademy/content -gcpro-developer

3. Copy the necessary files to the Cloud Storage bucket:

cd content-gcpro-developer/sql-lab
gsutil cp * gs://[BUCKET_NAME]

- Create a Cloud SQL instance.
 - 1. From the main console navigation, choose Cloud SQL.
 - 2. Click Create Instance.
 - 3. Select Choose MySQL.
 - 4. Set the instance ID to la-met.
 - 5. Set the password to root.
 - Leave the region and zone options as their defaults.
 - 7. Click Create.
- Create database, table, and import schema.
 - 1. From the Cloud SQL dashboard, click the ${\bf la-met}$ entry.
 - 2. Select the Databases tab.
 - 3. Choose Create database.
 - 4. Name the database met_museum.
 - $5.\,Leave$ the other settings as their defaults and click

Create

- 6. Choose Import.
- 7. Locate the bucket containing the uploaded files by clicking **Browse**.
- 8. Choose MetObjects_Table.sql and click Select.
- 9. Make sure the Format of import is set to SQL.
- 10. From the Database list, choose met_museum.
- 11. Click Import.
- Import data.
 - 1. Choose Import.
 - Locate the bucket containing the uploaded files by clicking **Browse**.
 - 3. Choose MetObjects_subset.csv and click Select.
 - 4. Make sure the Format of import is set to CSV.
 - From the *Database* list, choose met_museum.
 - 6. In the *Table* field, enter **MetObjects**.
 - 7. Click Import.
- Query database.
 - In the Cloud Shell, connect to the database instance with the following command:

gcloud sql connect la-met --user=root

- 2. When prompted, enter the password: $\boldsymbol{root}.$
- 3. Declare the database to use:

```
use met_museum;
```

4. Enter the following queries:

SELECT Title, Medium FROM MetObjects
LIMIT 20;
SELECT Title, Medium, Link_Resource
FROM MetObjects WHERE Object_Begin_Date
>= '2000' LIMIT 20;

 $5.\,Click\,any\,link\,returned\,to\,view\,Met\,object.$