Congratulations! You passed!

Grade received 100% To pass 100% or higher

To pass this practice quiz, you must receive 100%, or 1 out of 1 point, by completing the following activity. You can learn more about graded and practice items in the

Go to next item



## **Activity Overview**

course overview 2.

As you have learned, BigQuery is a data warehouse on the Google Cloud Platform (GCP) used to query, filter large datasets, aggregate results, and perform complex operations. If you previously completed the optional activity to Create a Google Cloud account (2), you can access a standard BigQuery account through a free trial. If you chose not to create a billing account with GCP, you can still complete the activities in this program using another free option: the BigQuery sandbox.

In this activity, you will set up a BigQuery sandbox account. After you set up your sandbox, you will explore the BigQuery console and complete a tutorial about how to locate and query public datasets. As a BI professional, you will be responsible for gathering, compiling, and analyzing relevant data to identify trends and patterns, then making recommendations for business actions.

## Follow the instructions to complete each step of the activity. Then, answer the questions at the end of the activity before going to the next course item.

Step-By-Step Instructions

## Go to the BigQuery sandbox documentation page 🖸. Log into your existing Google account or create a new account to use with the sandbox. Then select your country from

Step 1: Log into the BigQuery sandbox with your Google account

NOTE: If you have already set up a Google Cloud free trial account, go to the <u>BigQuery console</u> C and log in. Then skip to Step 2.

the dropdown menu, check the box to agree to the Terms of Service, and click the AGREE AND CONTINUE button.

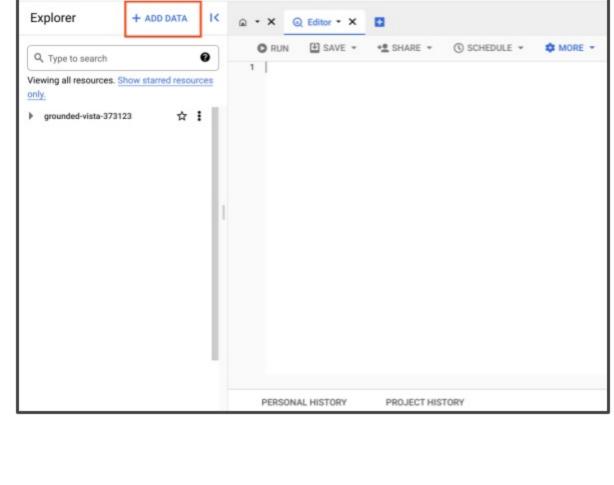
## 3.3 - 3. - 3. - 32

Step 2: Explore the SQL Workspace

Click **Editor**. This space enables you to run, save, share, and schedule queries. You can also find your personal and project history here.

Take a moment to explore the SQL Workspace. The **Explorer** section contains a search bar to find resources, your pinned projects, and the **ADD DATA** button.

SANDBOX Set up billing to upgrade to the full BigQuery experience. Learn more

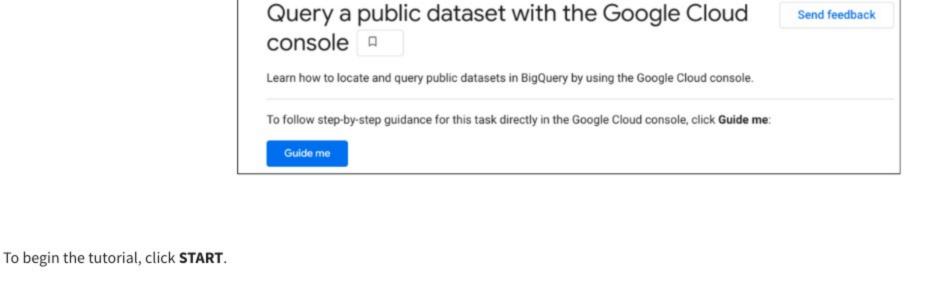


# querying a public dataset with the Google Cloud console ☐. Then click **Guide me**.

Step 3: Begin the tutorial

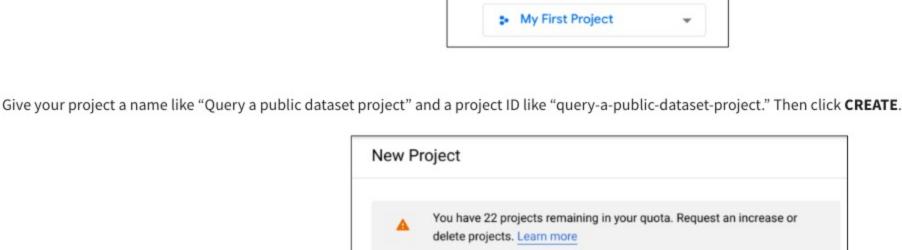
BigQuery > Documentation > Guides Was this helpful? 点 勾

Next, you will take a tutorial about how to locate and query public datasets in BigQuery. Start by opening the guide to



Step 4: Create a new project

For Step 1 of the tutorial, click create a new project.



Set up the project and enable the

1 Create a new project to ensure that you have the permissions you need, or select an existing project in which you have the

BigQuery API

MANAGE QUOTAS

Query a public dataset project

query-a-public-dataset-project

Project name \*

Project ID \*

relevant permissions.

Project ID can have lowercase letters, digits, or hyphens. It must start with a lowercase letter and end with a letter or number.

Location \*

No organization

Parent organization or folder

CREATE

CANCEL

Select your project from the dropdown menu in the tutorial pane and click NEXT.

Duery a public dataset

To create GCP resources, such as VM instances, the project must have an associated billing account.

You qualify for a free trial that includes

\$300 in credit that you can use to explore

To start your free trial, click the button and fill out the form on the left. We ask for your credit card or bank account only to verify that you're a real person. Don't

Google Cloud!

C

worry, you won't be charged!

When your free trial ends, you'll have the option to upgrade to a paid account. You won't start getting charged automatically



O No	
<b>⊘</b> Correct	

Yes

Step 5: Complete the tutorial

Did you complete this activity?

questions and review the feedback.

2. Which of the following best describes BigQuery?

1/1 point

1/1 point

A career marketplace specifically focused on tech professionals in the United States
 A tool that reads data from the source, transforms it, and writes it in the destination location

✓ Correct

operations.

A data warehouse used to query, filter large datasets, aggregate results, and perform complex operations

A visual analytics platform used to connect and visualize data quickly and create intuitive dashboards

BigQuery is a data warehouse on the Google Cloud Platform (GCP) used to query, filter large datasets, aggregate results, and perform complex

Thank you for completing this activity! Being able to construct queries in tools such as BigQuery is an important skill to have as a BI professional, as

you will be responsible for gathering, compiling, and analyzing relevant data to identify trends and patterns. Please complete the following quiz

3. Which section of the BigQuery console is used to run, save, share, and schedule queries and find resources?

1/1 point

SQL workspaceCorrect

SQL translation

Data transfers

Analytics Hub

4. Fill in the blank: After entering a query into the SQL workspace, a check mark along with the amount of data that the query processes appears. This indicates that the query is \_\_\_\_\_.

The SQL workspace is used to run, save, share, and schedule queries and find resources.

1/1 point

O public

invalid

valid

○ private

○ Correct

If a query entered into the SQL workspace is valid, then a check mark appears along with the amount of data that the query processes.