

✔ Congratulations! You passed!

Grade received 100% To pass 100% or higher

Go to next item

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 [course overview](#).



Activity Overview

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](#), 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.

Step-By-Step Instructions

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 1: Log into the BigQuery sandbox with your Google account

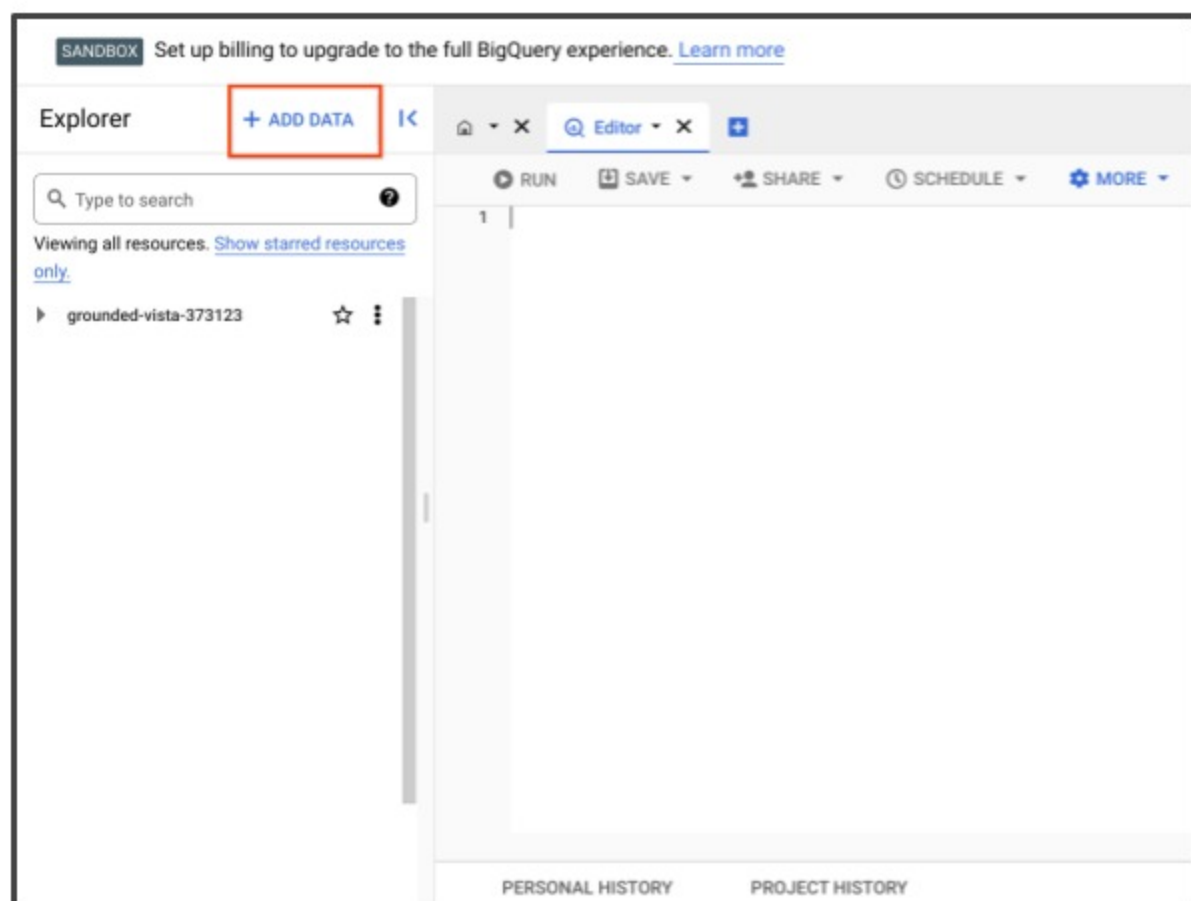
Go to the [BigQuery sandbox documentation page](#). Log into your existing Google account or create a new account to use with the sandbox. Then select your country from the dropdown menu, check the box to agree to the Terms of Service, and click the **AGREE AND CONTINUE** button.

NOTE: If you have already set up a Google Cloud free trial account, go to the [BigQuery console](#) and log in. Then skip to Step 2.

Step 2: Explore the SQL Workspace

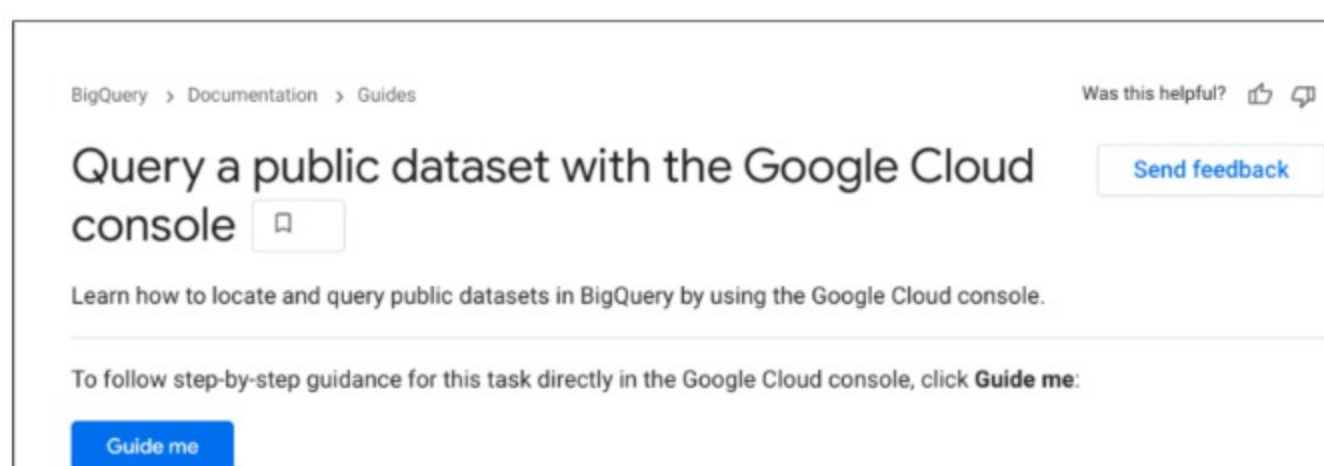
Take a moment to explore the SQL Workspace. The **Explorer** section contains a search bar to find resources, your pinned projects, and the **ADD DATA** button.

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



Step 3: Begin the tutorial

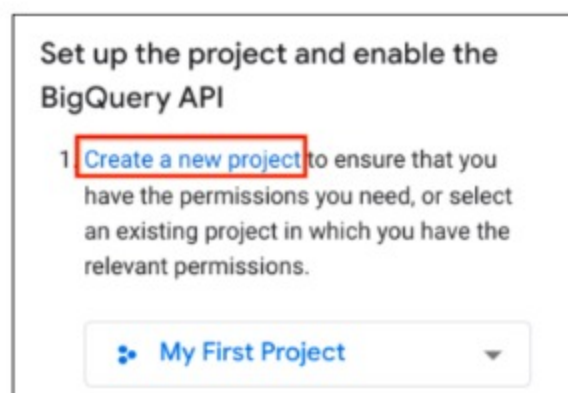
Next, you will take a tutorial about how to locate and query public datasets in BigQuery. Start by opening the guide to [querying a public dataset with the Google Cloud console](#). Then click **Guide me**.



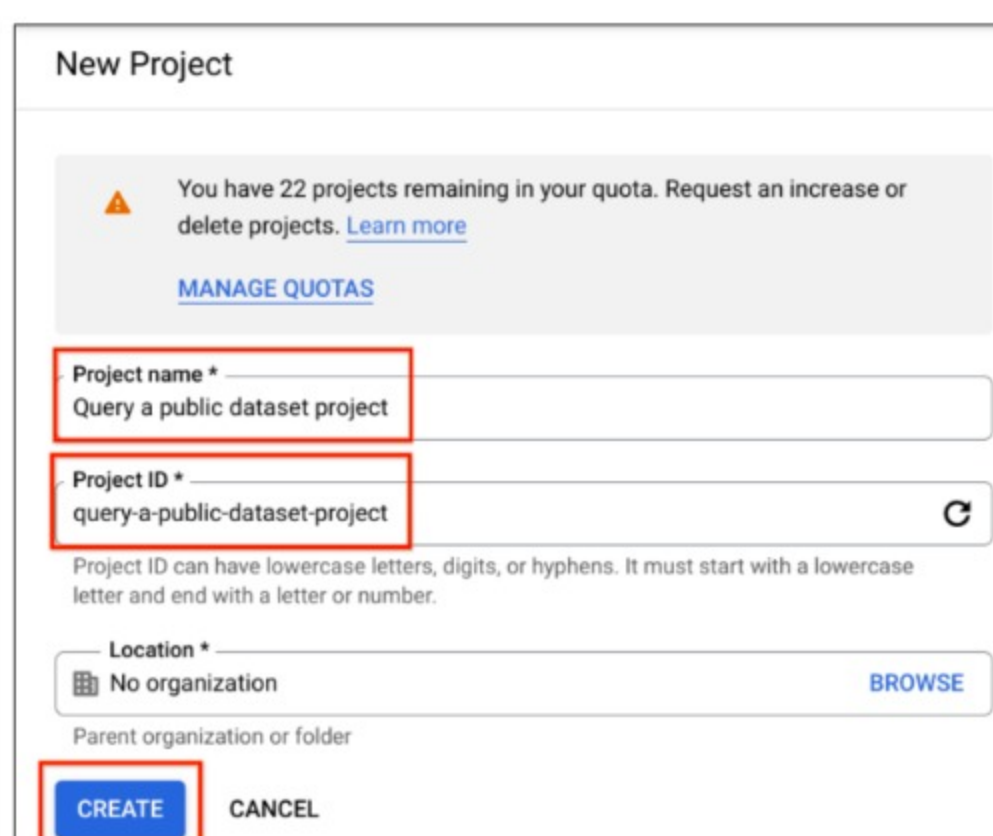
To begin the tutorial, click **START**.

Step 4: Create a new project

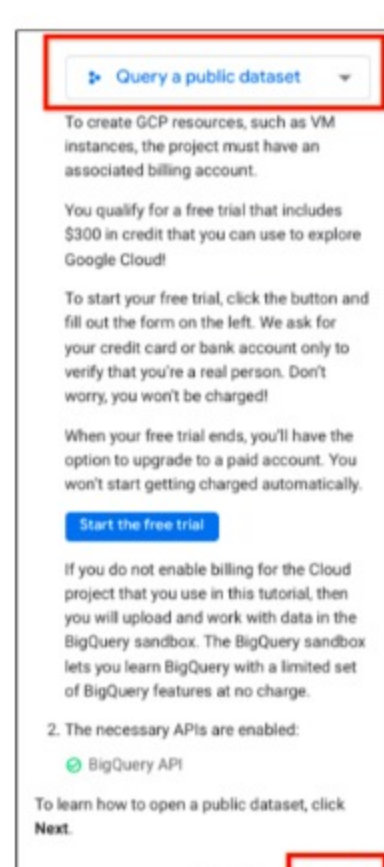
For Step 1 of the tutorial, click **create a new project**.



Give your project a name like "Query a public dataset project" and a project ID like "query-a-public-dataset-project." Then click **CREATE**.



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



Step 5: Complete the tutorial

1. Did you complete this activity?

1 / 1 point

- Yes
 No

✔ Correct

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 questions and review the feedback.

2. Which of the following best describes BigQuery?

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
 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

✔ Correct

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

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

1 / 1 point

- SQL translation
 Data transfers
 Analytics Hub
 SQL workspace

✔ Correct

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

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 ____.

1 / 1 point

- valid
 invalid
 public
 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.