Cyclistic datasets

By now, you're getting ready to take the next steps with your Course 2 end-of-course project. To work with the Cyclistic project data, you will need to locate the appropriate public datasets and upload the zip code spreadsheet that your colleague shared into your BigQuery project space. This reading will guide you through that process. Once you have finished this reading, you will be ready for the upcoming activities and to deliver key insights to your stakeholders.

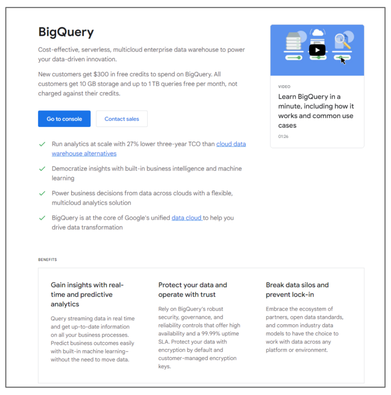
For this end-of-course project, you will be using two public datasets, which exist in the public data available from the Explorer pane of your console:

- NYC Citi Bike Trips, Census Bureau US Boundaries,
- GSOD from the National Oceanic and Atmospheric Administration

Additionally, you will need to upload the zip code spreadsheet your colleague shared with you.

Upload to BigQuery

First, navigate to your BigQuery console. Go to the BigQuery homepage or navigate to the console.



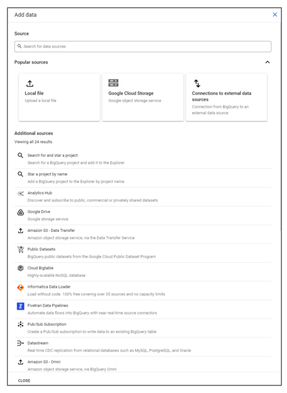
Search and preview the public datasets using the search bar in the Explore pane of your console:

These datasets are already available for you to query, but it can be useful to check out the tables before you start working with them. Find all three datasets by searching the appropriate dataset name in the search bar:

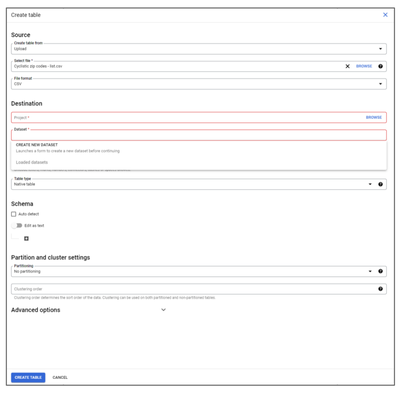
- new_york_citibike
- geo_us_boundaries
- noaa_gsod

After you have familiarized yourself with the public data, upload the zip code dataset. Either save the Google Sheet as a CSV file on your device or download it into your own Drive space.

Click on the + ADD DATA button in the Explorer menu pane; this will open the Add Data menu.

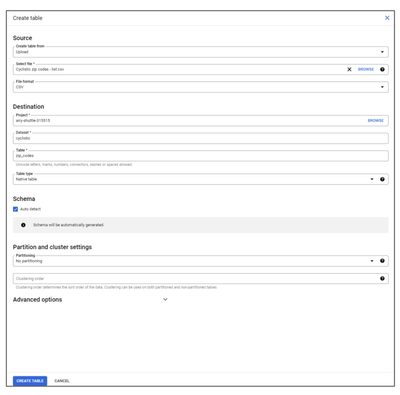


From here, select Local file to upload the CSV or Google Cloud Storage to choose the sheet from your personal Drive. However you add the file, you will need to fill out the necessary fields in the Create Table menu. If you haven't already, the Create table menu will also prompt you to create a dataset to house this table.



Select CREATE NEW DATASET and name the dataset appropriately for this project. You can leave the data location set to default. Once you have completed filling out this information, click Create Dataset.

Now, finish filling out the information for your table. Name your table appropriately for your project and select CSV under file type. Finally, select Auto detect for the schema. Once done, select Create Table. The new table should appear under your dataset in the Explorer pane momentarily.



From here, explore the schema, preview the data, and familiarize yourself with this table. Once you have uploaded this dataset, you will be ready to continue with your project!

Mark as completed

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