2. Create a bucket on GCS (remember to give the bucket a unique name).

```
gsutil mb gs://my-test-data
```

3. Transfer data into bucket. The CSV data used in this example is a crypto-currency dataset stored in the code repository. Use the 'gsutil cp' command to move the dataset to GCS bucket.

```
gsutil cp crypto-markets.csv gs://my-test-data
```

4. Show the transferred data in the bucket.

```
gsutil ls gs://my-test-data/
```

Loading Data Using the BigQuery Web UI

Let's go through the following steps to load data into BigQuery using the web UI:

1. In the navigation panel, click the project name, and then click **CREATE DATASET** in the Details panel (see Figure 38-6).

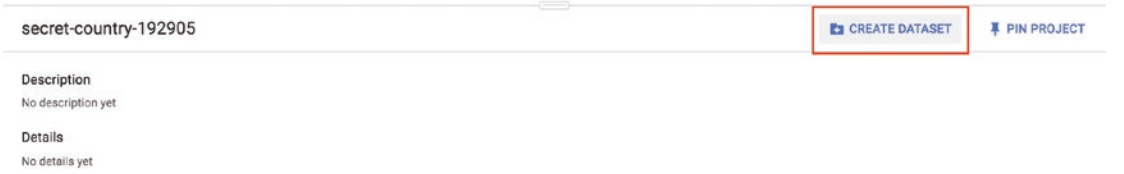

Figure 38-6. *Create Dataset*

2. Type 'crypto_data' as the **DatasetID,** and select 'United States (US)' as the data location (see Figure 38-7).

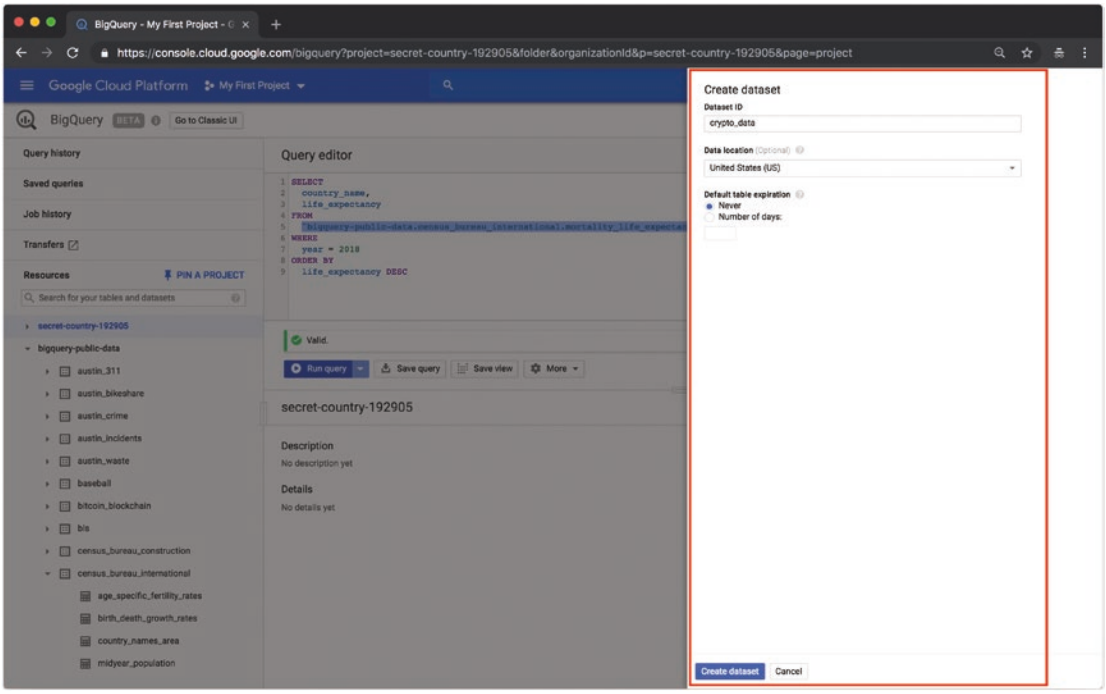

Figure 38-7. *Create Dataset parameters*

3. Next, click the newly created Dataset in the navigation panel, and then click **CREATE TABLE** in the Details panel (see Figure 38-8).

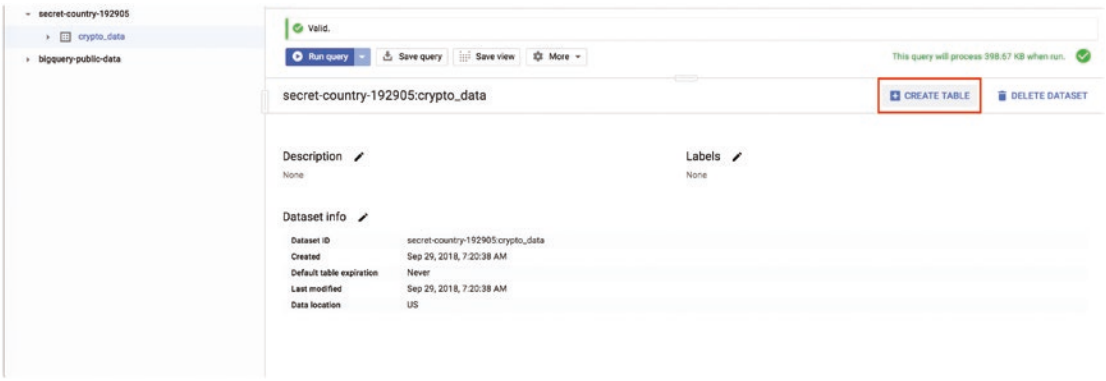

Figure 38-8. *Create Table*

4. We'll create a table from a CSV file stored on Google Cloud Storage. On the Create Table page, select the following parameters as shown in Figure 38-9:

   a. Select **'Google Cloud Storage'** for Source Data.

   b. Select the file **'crypto-markets.csv'** from the bucket **'my-test-data'**.

   c. Choose **CSV** as the file format.

   d. Type **'markets'** as the Destination table.

   e. Toggle 'Edit as Text' and enter the following as the schema:

      ```
      slug,symbol,name,date,ranknow,open,high,low,close,volume,market,
      close_ratio,spread
      ```

   f. Expand 'Advanced options' and set 'Header rows to skip' to 1.

   g. Click **Create table**.

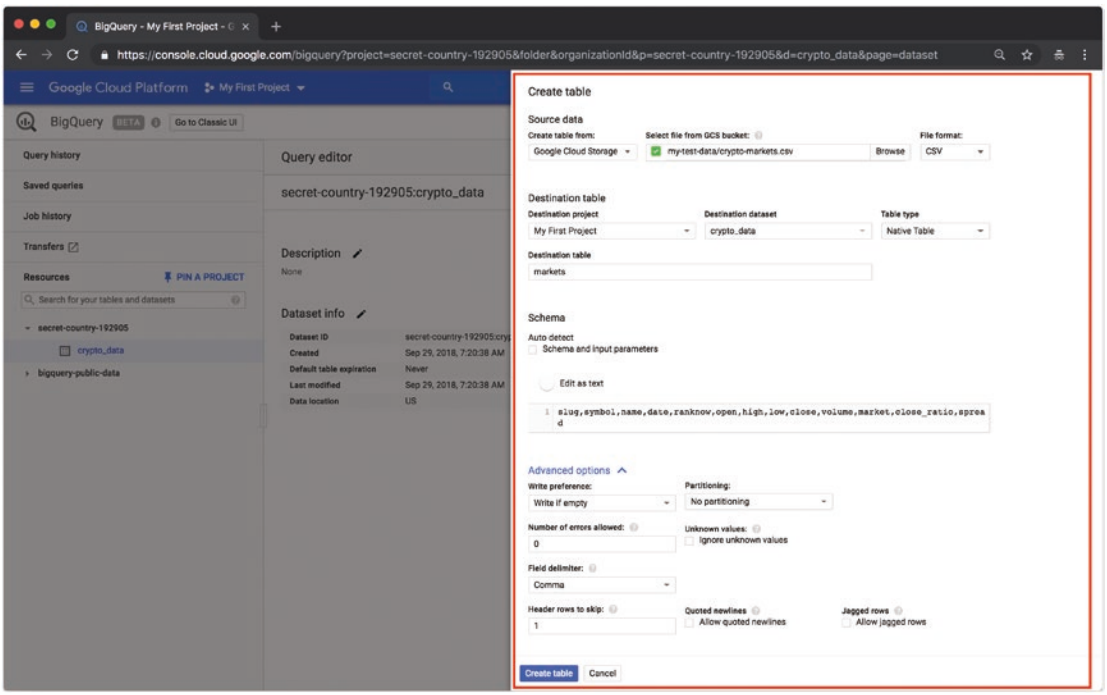

Figure 38-9. *Create table options*

Click **Job history** in the navigation panel to view the status of the loading job (see Figure 38-10).

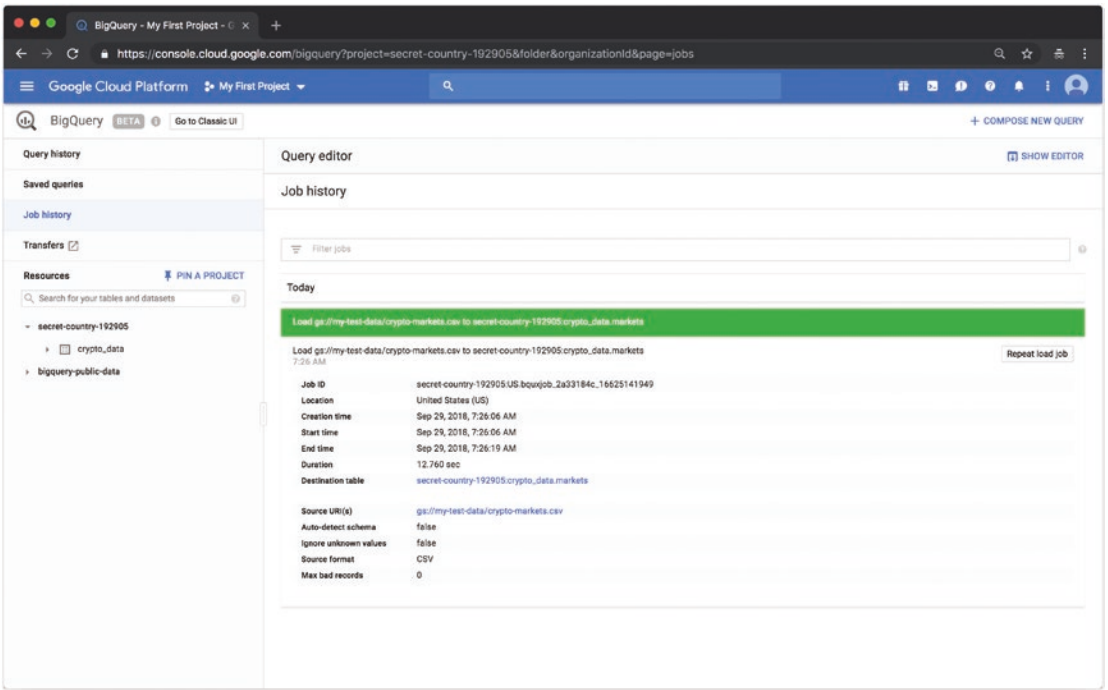

Figure 38-10. *BigQuery loading job*

A preview of the created table is as shown in Figure 38-11.

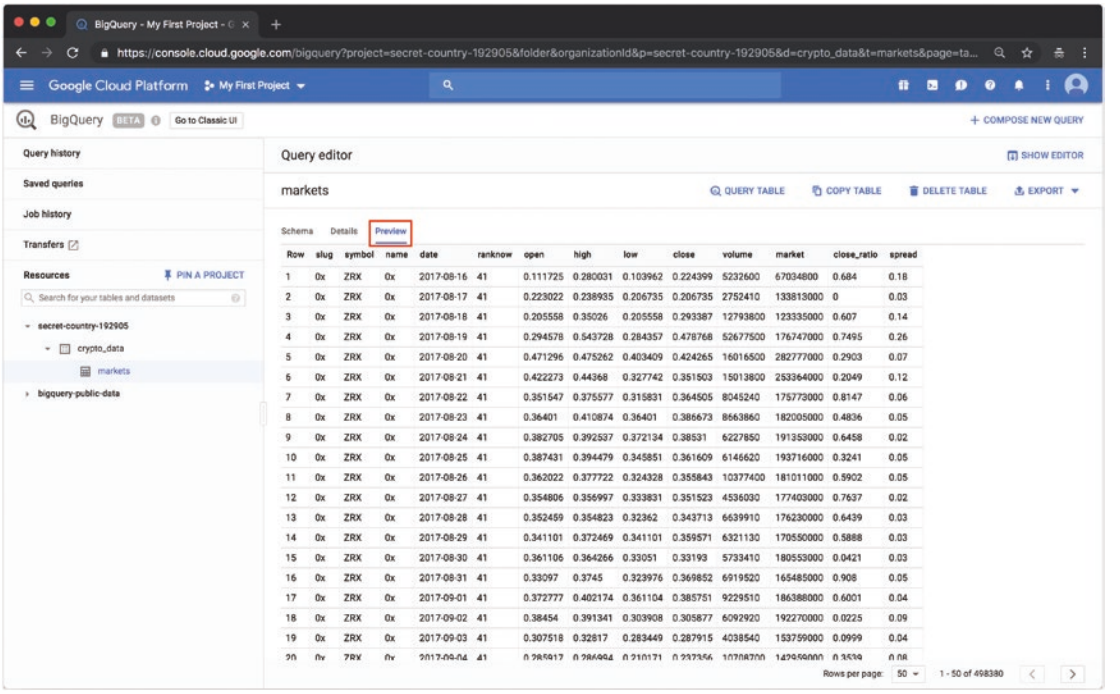

Figure 38-11. *Preview of loaded table*

The bq Command-Line Utility

Let's go through some useful commands on the Cloud Shell terminal with the 'bq' utility:

- List the projects that can be accessed.

```
bq ls -p

        projectId            friendlyName
 ---------------------- ------------------
  secret-country-192905   My First Project
```

- List datasets in the default project.

```
bq ls

   datasetId
 -------------
  crypto_data
```