After typing the query in the **Query editor**, the following should be noted, as numbered in Figure 38-4:

1. Click the **'Run query'** button to execute the query.
2. The green **status indicator** shows that the query is a valid SQL statement and shows by the side an estimate of the query size estimation.
3. The query results can be easily analyzed and visualized using Data Studio.
4. We can see that the query completed in just over a second.

Loading Data into BigQuery

In this simple data ingestion example, we will load a CSV file stored on Google Cloud Storage (GCS) into BigQuery. In GCP, Google Cloud Storage is a general-purpose storage location for all variety of file types and is preferred as a staging area or an archival repository for data. Let's walk through the following steps.

Staging the Data in GCS

Let's go through the steps to stage the data in Google Cloud Storage:

1. Activate Cloud Shell as shown in Figure 38-5.

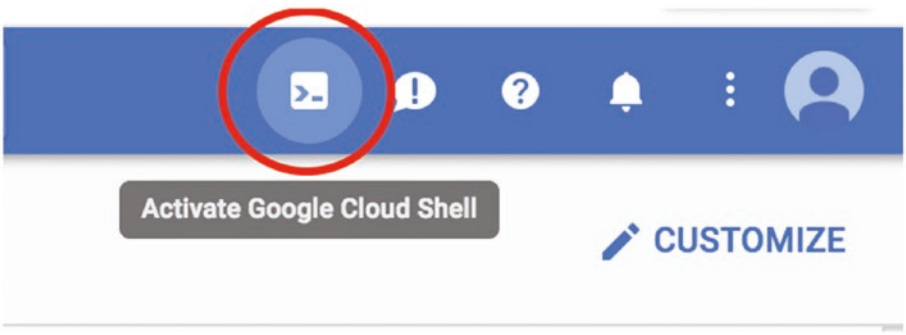

Figure 38-5. *Activate Google Cloud Shell*

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).

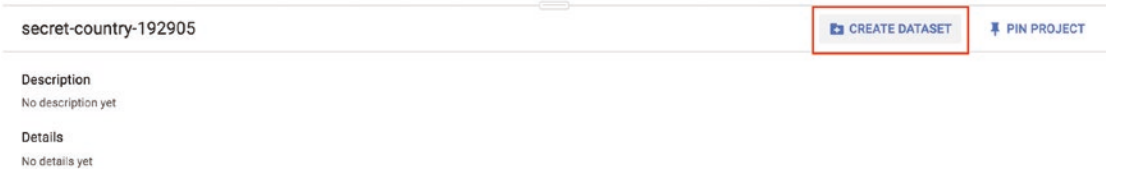

Figure 38-6. *Create Dataset*

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