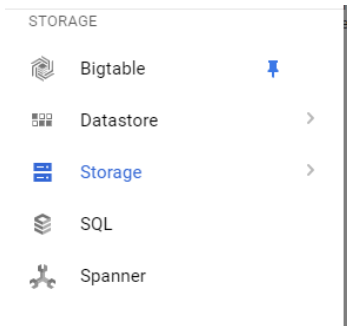


Big Query

To start with once the GCP account is activated, I have uploaded the dataset into the storage bucket and then accessed it from the bigquery.

Uploading dataset into storage bucket:

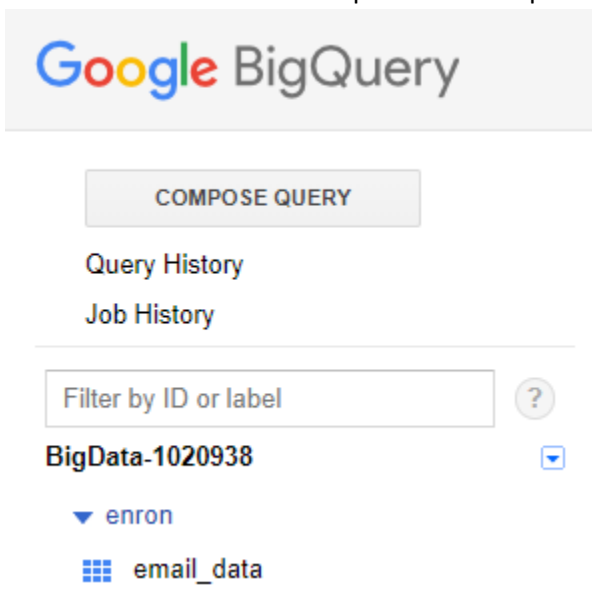
1. Under storage set the storage tab and click on Browser to popup the storage window.



2. Clicked on create a new bucket and named it bigdata1020938.
3. Upload the dataset into the bucket.

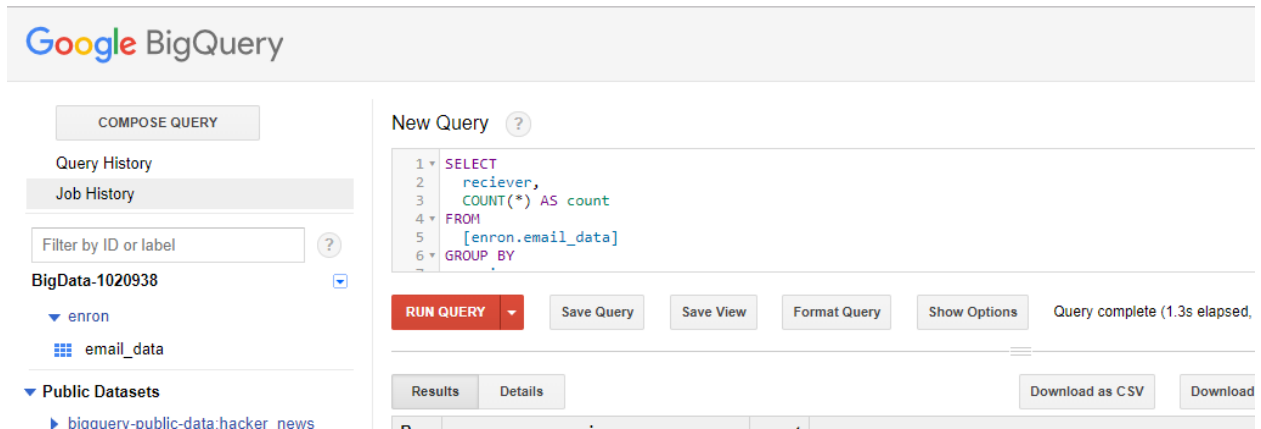
Creating new dataset and table in Google Bigquery:

1. Selected the project BigData-1020938 and under the drop-down button, click on create new dataset. Name the dataset as enron.
2. Selected the dropdown button at newly created dataset, enron and created a new table email_data and at the source location of the table should be the webpage link of the bucket created above. Set the other parameters as per the table requirement and click on create table.



Running queries on google bigquery:

1. Copies the queries in the bigquery.sql file and paste in the query editor of google bigquery and click on RUN QUERY to execute the sql query and fetch the result. The result the query will be describe below the query editor.



The screenshot displays the Google BigQuery web interface. On the left sidebar, there's a 'COMPOSE QUERY' button and sections for 'Query History' and 'Job History'. Below these is a search bar 'Filter by ID or label' and a list of datasets under 'BigData-1020938', including 'enron' and 'email_data'. Under 'Public Datasets', 'bigquery-public-data:hacker_news' is visible. The main area is titled 'New Query' and contains a SQL query editor with the following code:

```
1 SELECT
2   reciever,
3   COUNT(*) AS count
4 FROM
5   [enron.email_data]
6 GROUP BY
```

Below the editor are buttons for 'RUN QUERY', 'Save Query', 'Save View', 'Format Query', and 'Show Options'. A status message indicates 'Query complete (1.3s elapsed)'. At the bottom, there are tabs for 'Results' and 'Details', and buttons for 'Download as CSV' and 'Download'.