

Get data from Google's BigQuery

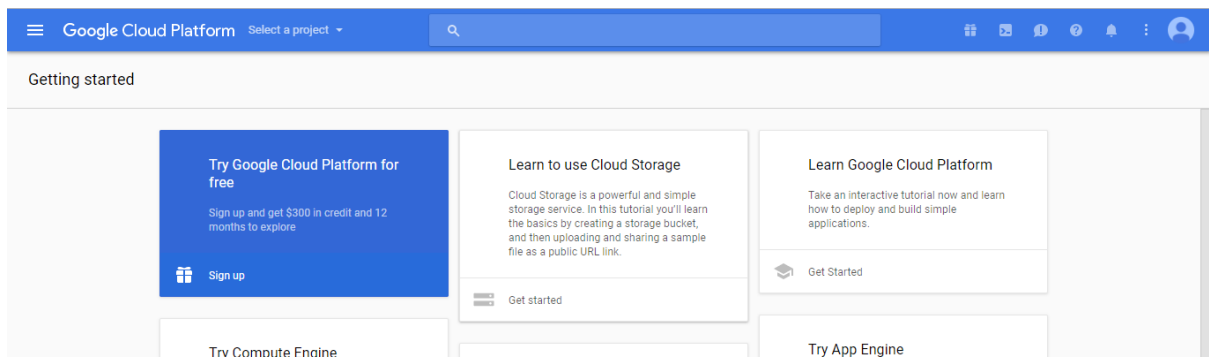
The user can perform the search operation on any Field(s) present in the GKG table

e.g. - search based on 'Persons' or 'Locations' and so on...

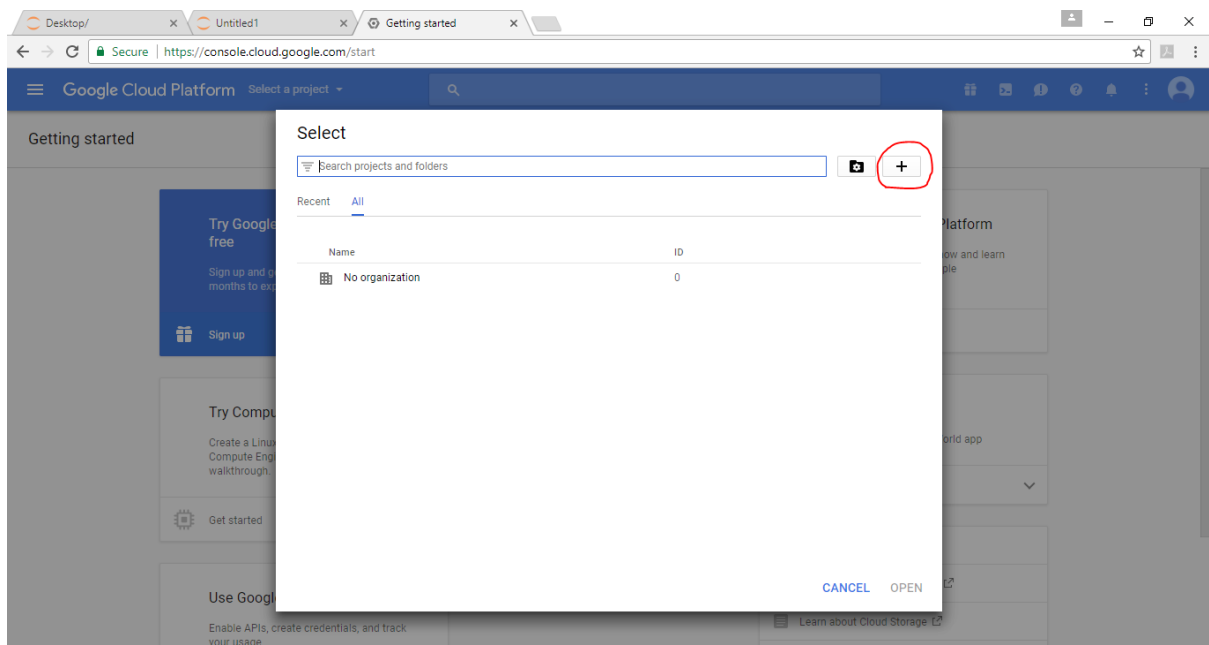
Go to - <https://cloud.google.com/bigquery/>

Sign in (top-right) with a google account

Click on **Console** (top-right)



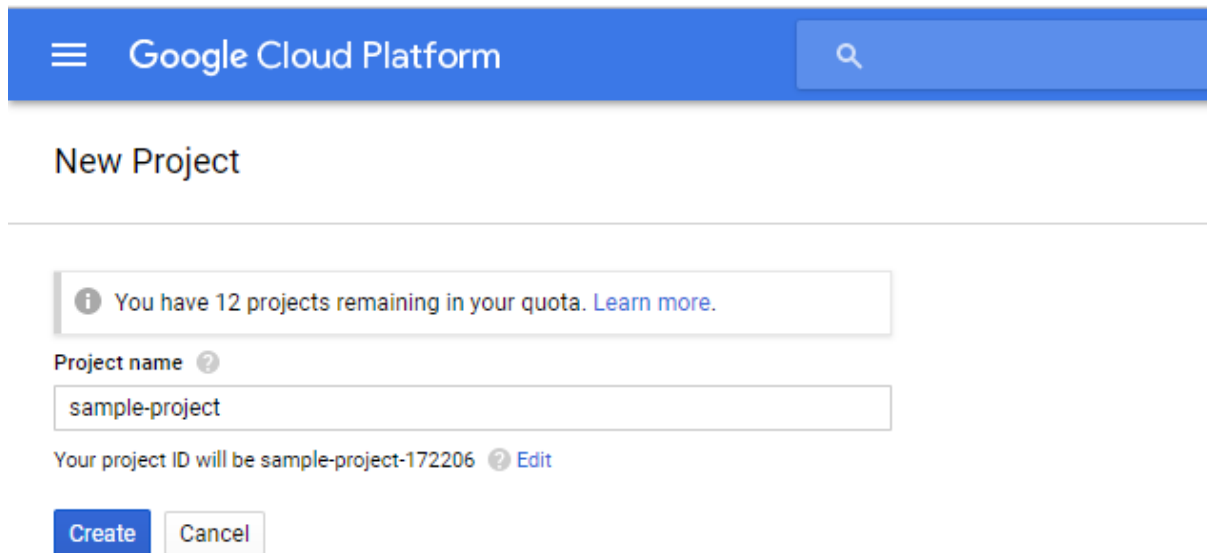
Click on **Select a Project**



To create a New Project, click on +

Or, if you are not a new user, and already have an existing project, take down the Project ID

Create a New Project, and take down its Project ID



The screenshot shows the 'New Project' dialog in the Google Cloud Platform. At the top is a blue header with the Google Cloud Platform logo and a search bar. Below the header, the title 'New Project' is displayed. A message box indicates 'You have 12 projects remaining in your quota. Learn more.' Below this, the 'Project name' field is populated with 'sample-project'. A note states 'Your project ID will be sample-project-172206' with an 'Edit' link. At the bottom are 'Create' and 'Cancel' buttons.

Again, click on **Select a Project**, and Select the newly created project (this will take you to the Home of your project)

Then, go to **API Manager -> Library** and select **BigQuery API** under **Google Cloud APIs**

Make sure it is Enabled

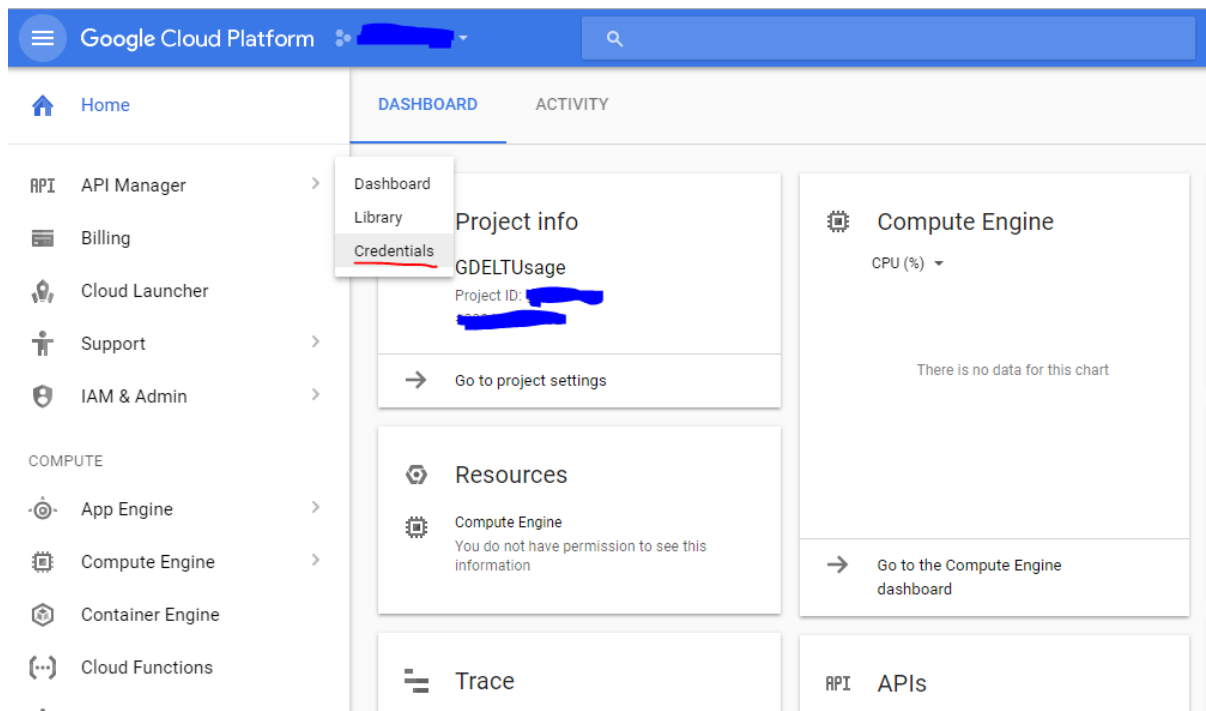
That's it.... You can now fire a query using gydelt !!!!

Limitations -

- a) 1 TB of data per month can be processed by the queries being executed (for a particular account)
- b) The size of the data obtained after executing the query should be less than 128 MB

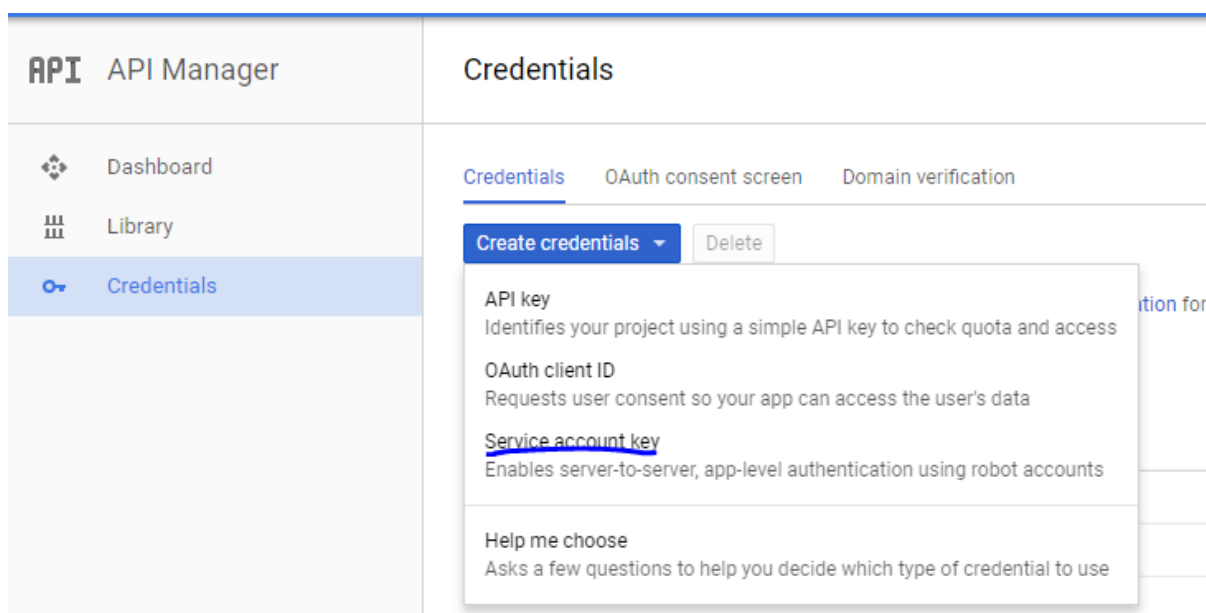
Get the authorization file to view query stats

On your Dashboard, select **Credentials** in API Manager



Select '**Service account key**' in **Create Credentials**.

Initially, create a new service account and get the authorization file in JSON format.



To get the stats of the query needed to be fired, pass the location of this file as a parameter

Get data from the GKG Exporter

(Link - <http://analysis.gdeltproject.org/module-gkg-exporter.html>)

Fill in the e-mail, the date range, the search criteria and the data will be sent to the provided e-mail (typically within 15 min)

Limitations -

- a) The max. no. of rows that can be received is 200000 (much better than firing a query)
- b) The search cannot be made explicitly for a particular field, as it was when firing a query