Name: Faitus Jeline Joseph

**Data ingestion using python**

Tools used:

* Jupyter notebook
* MySQL Workbench

**Question 1) Please query all events that have occurred during year 2017**

Only 2017 data is ingested from the API to MySQL database

**Question 2) Read a JSON response from the API**

JSON response is read from the API and ingested to MYSQL using Python. Please find the related program in the screenshot below.

**Question 4) Store the response in those objects**

Response of the API is stored in mySQL

**Question 5) Add incremental fetch design, logging to python script**

While fetching the complete 2017 data using as one request, I received ‘exceed limit’ error. So data for each month is fetched from the API in incremental fashion.

Text

Description automatically generated

Graphical user interface, text

Description automatically generated

For logging the ingestion process, I printed the intermediate results in the screen

Graphical user interface, text, application, email

Description automatically generated