In-class\_Assignment-1

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# Libraries used

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| Library | Used for |
| Requests | Used to invoke the twitter API via REST over https |
| Pandas | To convert the returned dictionary into a dataframe |

# How I did it

Created two functions to query the Twitter API:

* **bearer\_oauth** to build the oauth credentials in the headers of the HTTP request.
* **connect\_to\_endpoint** to connect to the HTTP endpoint for the API and obtain the JSON response

**NOTE**: as I used the API over http, the only element required to authenticate against Twitter was the BEARER\_TOKEN.

The query I did was:

**query\_params = {'query': 'covid','tweet.fields': 'author\_id,created\_at,geo', 'max\_results': 20}**

After recovering the JSON dictionary converted the Data element of the dictionary into a dataframe that can be handled easily using pandas.

Table

Description automatically generated

**NOTE**: I wasn’t able to get tweets with geolocalization info.

# Resources

To understand how to query the API I used the documentation at: <https://developer.twitter.com/en/docs/twitter-api/tweets/search/api-reference/get-tweets-search-recent>