**Data Analysis**

For this project we need the following data :

New York City data that contains list Boroughs, Neighborhoods along with their latitude and longitude.

Data source : https://cocl.us/new\_york\_dataset

Description : This data set contains the required information. And we will use this data set to explore various neighborhoods of new york city.

Indian resturants in each neighborhood of new york city.

Data source : Fousquare API

Description : By using this api we will get all the venues in each neighborhood. We can filter these venues to get only indian resturants.

GeoSpace data

Data source : https://data.cityofnewyork.us/City-Government/Borough-Boundaries/tqmj-j8zm

Description : By using this geo space data we will get the New york Borough boundaries that will help us visualize choropleth map.

**Approach**

Collect the new york city data from https://cocl.us/new\_york\_dataset

Using FourSquare API we will find all venues for each neighborhood.

Filter out all venues that are Indian Resturants.

Find rating , tips and like count for each Indian Resturants using FourSquare API.

Using rating for each resturant , we will sort that data.

Visualize the Ranking of neighborhoods using folium library(python)