**Capstone Project - The Battle of Neighbourhoods**

**WEEK 1**

**Q.2 Description of the data and how it will be used to solve the problem.**

New York City’s demographics show that it is a large and ethnically diverse metropolis. With its diverse culture, comes diverse food items. There are many restaurants in New York City, each belonging to different categories like Chinese, Indian, and French etc.

**For this project we need the following data-**

1. Data that contains list Boroughs, Neighbourhoods along with the latitude and longitude.

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

3. Description: This data set contains the required information. And we will use this data set to explore various neighbourhoods of NYC.

4. Indian restaurants in each neighbourhood of NYC.

**Two data sources are used for this-**

1. Data source: Foursquare API

Explanation: By using this API we will get all the venues in each neighbourhood. We can filter these venues to get only Indian restaurants.

1. GeoSpace data

Source: https://data.cityofnewyork.us/City-Government/BoroughBoundaries/tqmj-j8zm

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