

# Capstone Project - The Battle of Neighbourhoods (Part-1)

## Data Section:

The demographics of New York City indicate that it is a mega city that is broad and ethnically diverse. With its diverse community, numerous food products are available. In New York City, there are several restaurants, each belonging to various categories, such as Chinese, Indian, and French, etc.

For this project we will be working on the following data:

1. New York City dataset: [https://cocl.us/new\\_york\\_dataset](https://cocl.us/new_york_dataset)
  - a. The dataset contains list Boroughs, Neighbourhoods along with their latitude and longitude.
  - b. The necessary information is included in this data set and to explore different communities of New York City, we can use this dataset.
2. Foursquare API : <https://ru.foursquare.com/>
  - a. This service is used to collect Foursquare location data, to explore and get all the venues in each neighbourhood. We can filter these venues to get only Indian restaurants in each neighbourhood of New York City.
3. GeoSpace data: <https://data.cityofnewyork.us/City-Government/BoroughBoundaries/tqmi-j8zm>
  - a. We can get the New York Borough boundaries by using this geo space data that will help us visualize the map of choropleth.