

The Battle of the Neighbourhoods - Week 1

Data:

One city will be analysed in this project: **New York City**.

We will be using the below datasets for analysing New York city

Data 1: In order to segment the neighbourhoods and explore them, we will essentially need a dataset neighbourhoods data with the latitude and longitude coordinates of each neighbourhood.

This dataset exists for free on the web. Link to the dataset is:

https://geo.nyu.edu/catalog/nyu_2451_34572

Data 2: Second data which will be used is the Farmers Markets and Food Boxes dataset. In this we will be using the data of Farmers Markets.

<https://data.cityofnewyork.us/dataset/DOHMH-Farmers-Markets-and-Food-Boxes/8vwk-6iz2>

Website-<https://www.grownyc.org/greenmarketco/foodbox>

Data 3: For the below analysis we will get data from Wikipedia as given below:

1. New York Population
2. New York City Demographics
3. Cuisine of New York city

https://en.wikipedia.org/wiki/New_York_City

https://en.wikipedia.org/wiki/Economy_of_New_York_City

https://en.wikipedia.org/wiki/Portal:New_York_City

https://en.wikipedia.org/wiki/Cuisine_of_New_York_City

https://en.wikipedia.org/wiki/List_of_Michelin_starred_restaurants_in_New_York_City

Data 4 : New York city geographical coordinates data will be utilized as input for the Foursquare API, that will be leveraged to provision venues information for each neighbourhood will use the Foursquare API to explore neighbourhoods in New York City. The below is image of the Foursquare API data.