Capstone Project- The Battle of Neighborhoods (Week 1)

2. Data

This project provide a analysis of New York City. The datasets used in this report are :

Data 1 :

The objective is to segment and the explore of the neighborhoods in this city.

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

The dataset in this link contains the data of the neighbohoods in each of 5 boroughs, the latitude and the longitude coordinates of the neighborhood.

Data 2 :

We are talking about the data used is the DOHMH 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
  GrowNYC's Fresh *Food Box* Program is a food access initiative that enables under-served communities to purchase fresh, healthy, and primarily regionally grown produce well below traditional retail prices.
- A *farmers' market* is often defined as a public site used by two or more local or regional producers for the direct sale of farm products to consumers. In addition to fresh fruits and vegetables, markets may sell dairy products, fish, meat, baked goods, and other minimally processed foods.

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 neighborhood.We will use the Foursquare API to explore neighborhoods in New York City. The below is image of the Foursquare API data.