

The Battle of Neighbourhoods

Data Collection

The project will make use of public datasets available in the internet. The various types of data required for this project are:

- The New York Boroughs and Neighbourhoods data along with their coordinates.
 - Data Source: https://cocl.us/new_york_dataset
 - Description: This data source contains latitude and longitude information if each neighbourhood.
- Chinese restaurants in a given location.
 - Data Source: Foursquare API
 - Description: The Foursquare explore API gives all the venues within a specified radius.
- Information regarding a particular restaurant.
 - Data Source: Foursquare API
 - Description: The Foursquare venues API gives the details regarding the rating and reviews of a specified venue.
- GeoSpace data.
 - Data Source: [https://data.c https://data.cityofnewyork.us/City-Government/Borough-Boundaries/tqmj-j8zm](https://data.cityofnewyork.us/City-Government/Borough-Boundaries/tqmj-j8zm)
 - Description: The Borough boundaries can be plotted in using this dataset in a choropleth map
- Python libraries Pandas and NumPy are used for data manipulations.
- Python libraries Folium and Matplotlib are used for data visualization.