

Data

For this project we need the following data to explore the New York City:

1. Dataset containing list of Boroughs and neighborhoods along with their latitude and longitude.
 - a. **Data source:** https://cocl.us/new_york_dataset
Description: The above-mentioned dataset contains the information of boroughs and neighborhoods of NYC. We will use this data set to analyze various neighborhoods of New York City
2. Italian restaurants in each neighborhood of New York City.
 - a. **Data source:** Foursquare API
Description: The Foursquare API will provide all the venues in each neighborhood. We can filter out the Italian restaurants using the category filter as required.
3. Geo Locations
 - a. **Data source:** geopy.geocoders (Python Library)
Description: This library would enable us to map the latitude and longitude information of each neighborhood within the borough.