

# Coursera Capstone

## The battle of Neighborhoods

### Data Section :

New York city is the most populous city in the US. With a population of almost 9 Millions over 790 km<sup>2</sup>. New York city is also the most densely populated major city in the US. The city and its metropolitan area constitute the premier gateway for legal immigration to the United States.

With all its diverse culture, we have diverse food. There are a lot of restaurants in New York city, and each restaurant belong to a different culture, such as Chinese, Italian, French and more.

For this project, we will need :

- New York city Neighborhood has a total of 5 boroughs and 306 neighborhoods. In order to segment the neighborhoods and explore them, we will essentially need a dataset that contains the 5 boroughs and the neighborhoods that exist in each borough as well as the the latitude and longitude coordinates of each neighborhood.

- Data source : [https://cocl.us/new\\_york\\_dataset](https://cocl.us/new_york_dataset)
- Description : This data set contains all information to explore New York city neighborhood

- French restaurants in neighborhood of New York city
  - Data source : <https://data.cityofnewyork.us/City-Government/Borough-Boundaries/tqmj-j8zm>
  - Description : with this geo space data we will get borough boundaries for New York city and this will help us visualize choropleth map.