

# Capstone Project – The Battle of Neighborhoods (Part 1)

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## Data Section

New York City is a large and ethnically diverse metropolis. With its diverse culture, comes diverse food items. There are many restaurants in New York City, but for my goal (find a perfect place to stay for my masters) I will find the higher density of Russian restaurants and answer the problems mentioned in the Business Problems section.

I need the following data for this project.

New York City data that contains list Boroughs, Neighbourhoods along with their latitude and longitude.

- Source : [https://cocl.us/new\\_york\\_dataset](https://cocl.us/new_york_dataset)
- This data set contains the required information. And we will use this data set to explore various neighbourhoods of New York City

Russian restaurants in each neighbourhood of New York City.

- Source : Foursquare API
- By using this API we will get all the venues in each neighbourhood. We can filter these venues to get only Russian restaurants.

GeoSpace data

- Data source : <https://data.cityofnewyork.us/City-Government/BoroughBoundaries/tqmj-j8zm>
- By using this geo space data we will get the New York Borough boundaries that will help us visualize choropleth map.