Best Places to Start an Italian Restaurant in New York

Problem: New York is famous for its diverse cuisine.

The question arises, where to open an Italian Restaurant in New York?

Data

- The data is taken from the IBM data source on New York and Foursquare Data
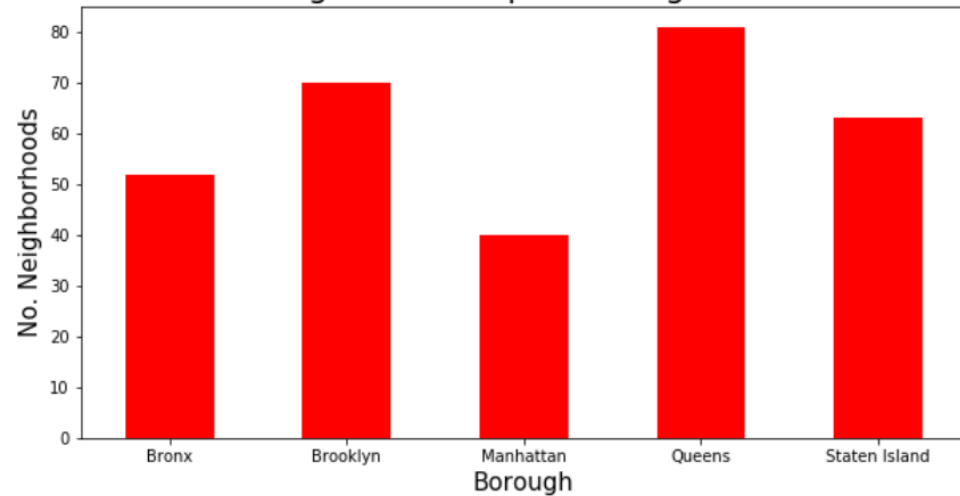
Methodology

Similar to Week3 Project of IBM Data Science Capstone, Data will be collected from https://cocl.us/new_york_dataset and cleaned and processed into a dataframe with borough, neighborhoods and coordinated.
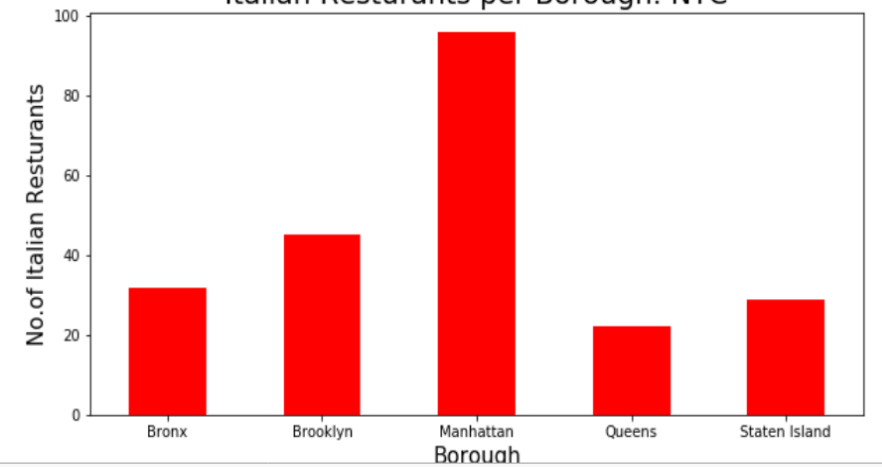
- FourSquare will be used to locate venues and then Italian restaurants will be fintered. Ratings, tips, and likes by users will be counted and added to the dataframe. Since the free subscription is used, we will have one tip for each restaurant

- Data will be ordered based on rankings and then will be visually assessed using Python libraries.
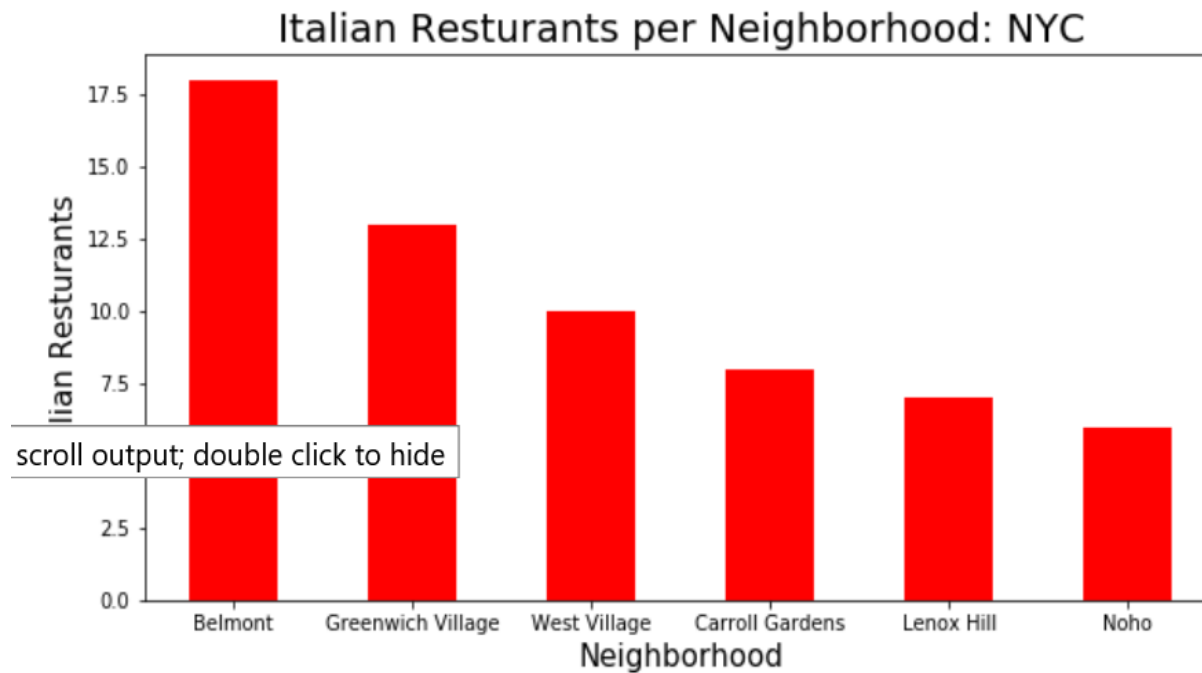
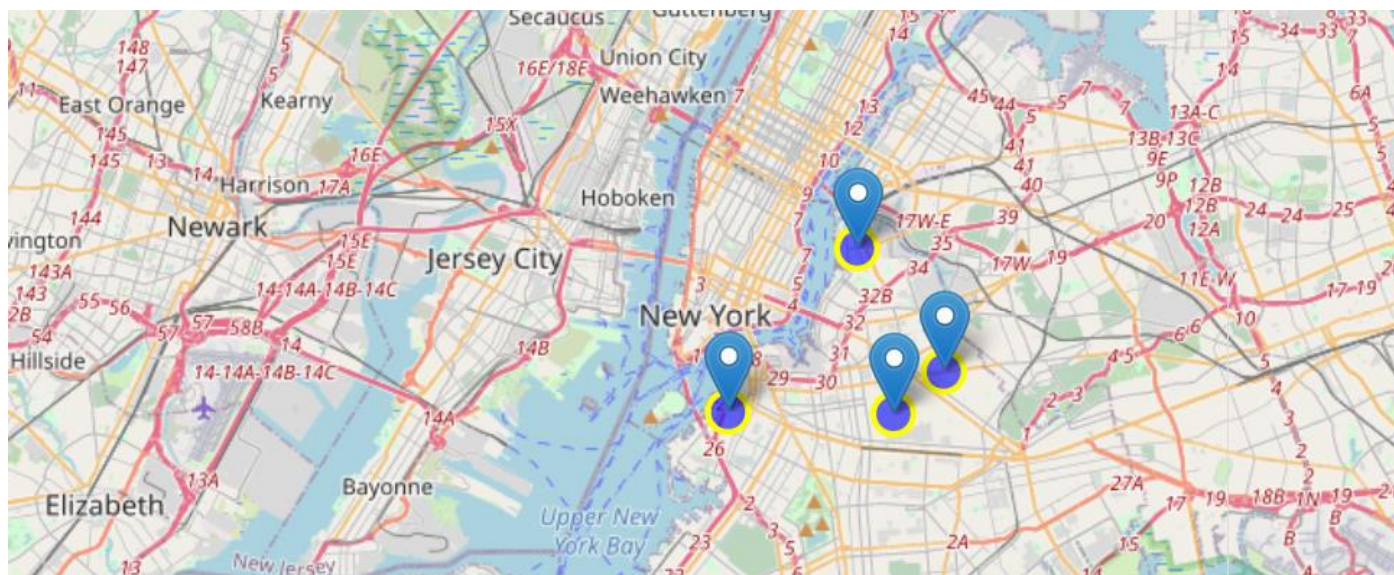# Data Analysis

Neighborhoods per Borough: NYC

Italian Resturants per Borough: NYC

Data Analysis contd.

Clustering Result

Conclusion

- Brooklyn and Bronx have the best rated Italian restaurants overall. Belmont of The Bronx is the neighborhood in all of NYC with the most Italian Restaurants. Despite Manhattan having the least number of neighborhoods in all five boroughs, it has the most Italian restaurants. Based on this information, Woodland and Pehlam Gardens are the best locations for Italian cuisine in NYC if our criteria is looking at least average ratings.

Further

- At the end, multiple data sources such as median income, rental values, population, race should be taken into account to further build on this analysis.