Analysing Mexican Restaurants in New York City

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New York City is home to people with diverse cultural heritage and restaurants of from different racial groups.

Taking Mexicans as a case study, we would like to find the location with some of the best Mexican restaurant and dishes.
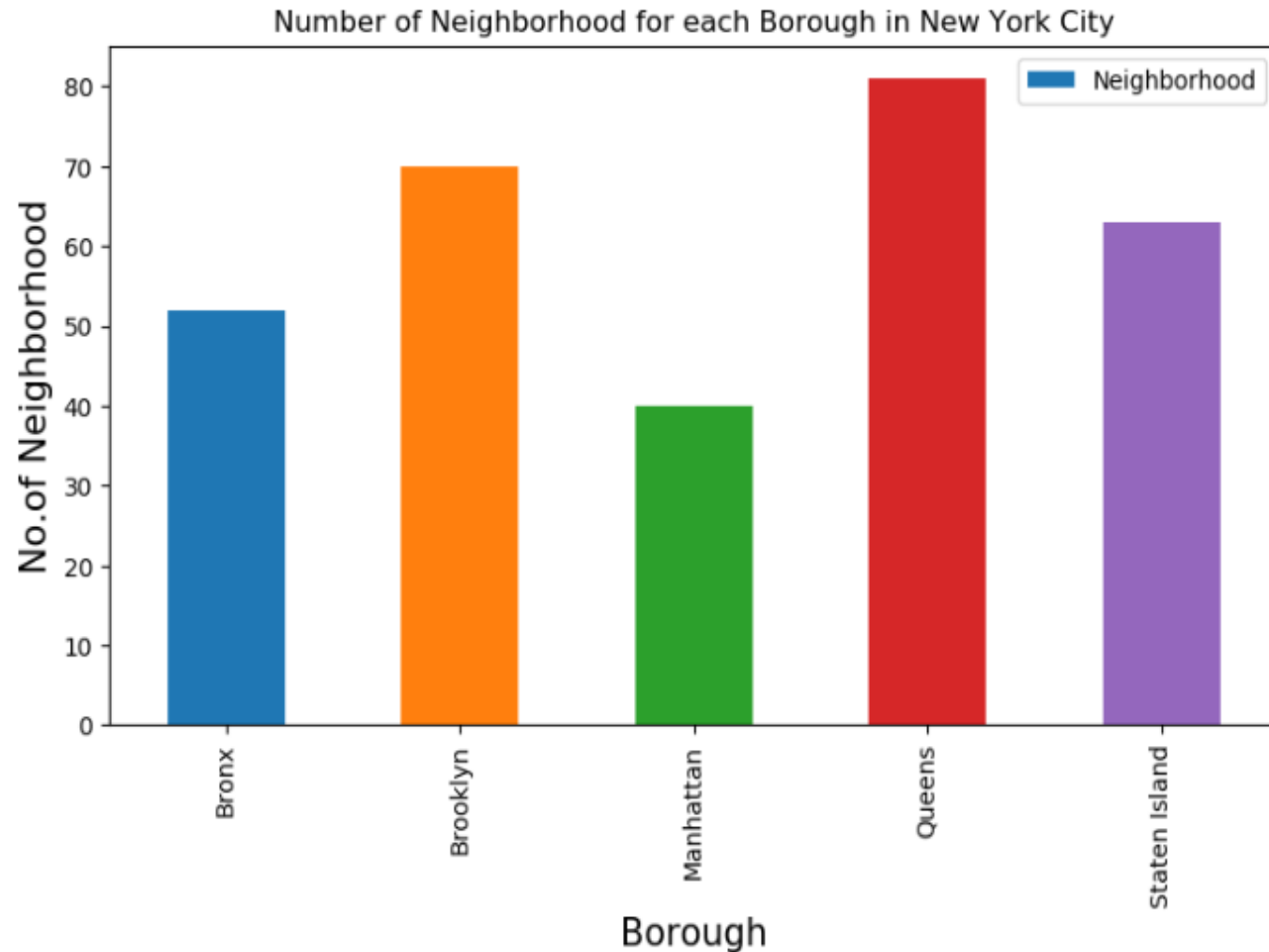
We would achieve by analysing the Restaurants'

▶ Rating

▶ Number of Likes

▶ Tips offered

Data acquisition and cleaning
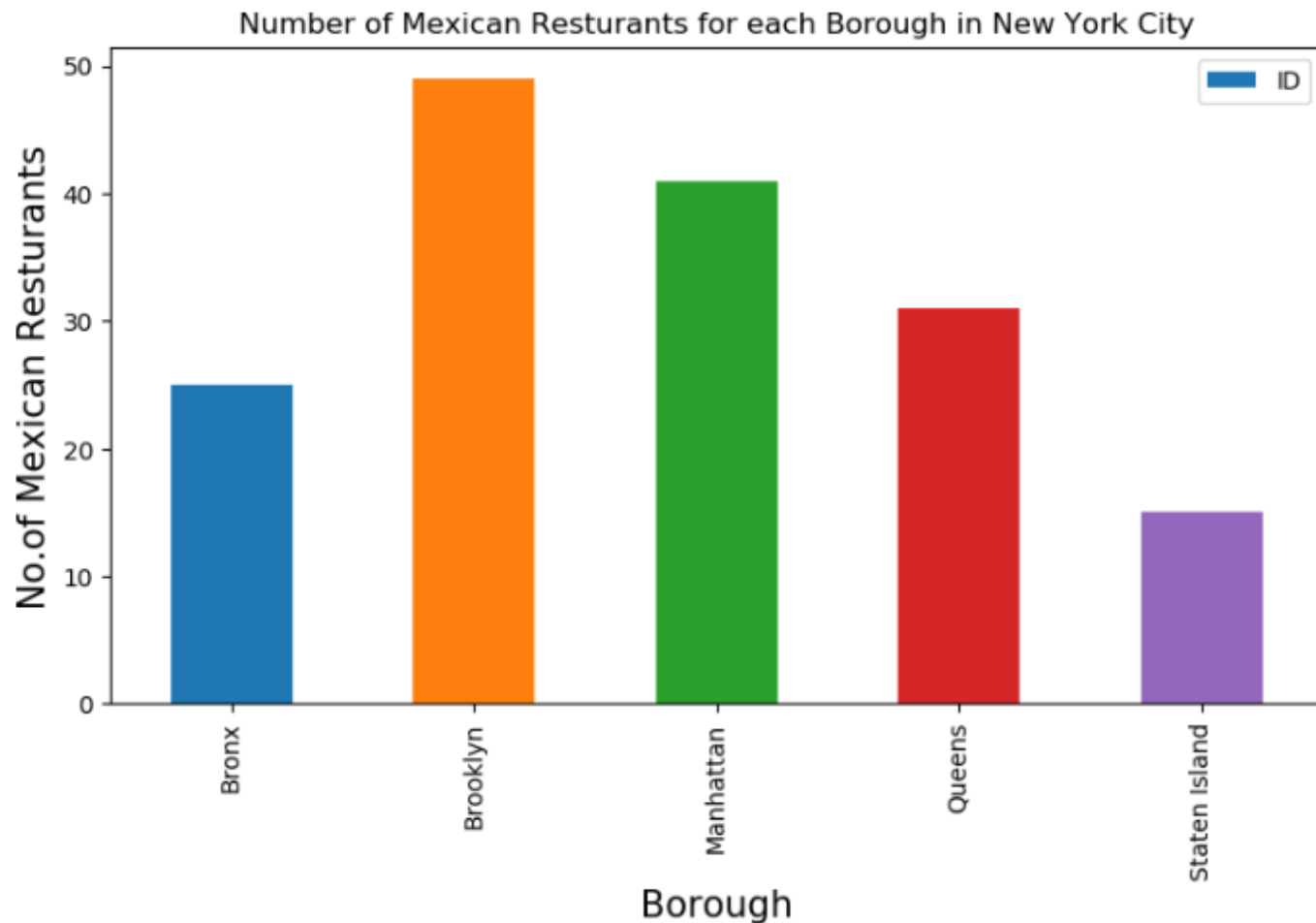
For this project the following data are needed:

- New York City data that contains list Boroughs, Neighborhoods along with their latitude and longitude.
  - Data source : https://cocl.us/new_york_dataset
  - Description : This data set contains the required information. And we will use this data set to explore various neighborhoods of New York city.
- Mexican restaurants in each neighborhood of New York city.
  - Data source : Fousquare API
  - Description : By using this api we will get all the venues in each neighborhood. We can filter these venues to get only Mexican restaurants.
- Geospace data
  - Data source : https://data.cityofnewyork.us/City-Government/Borough-Boundaries/tqmj-j8zm
  - Description : By using this geo space data we will get the New York Borough boundaries that will help us visualize choropleth map.
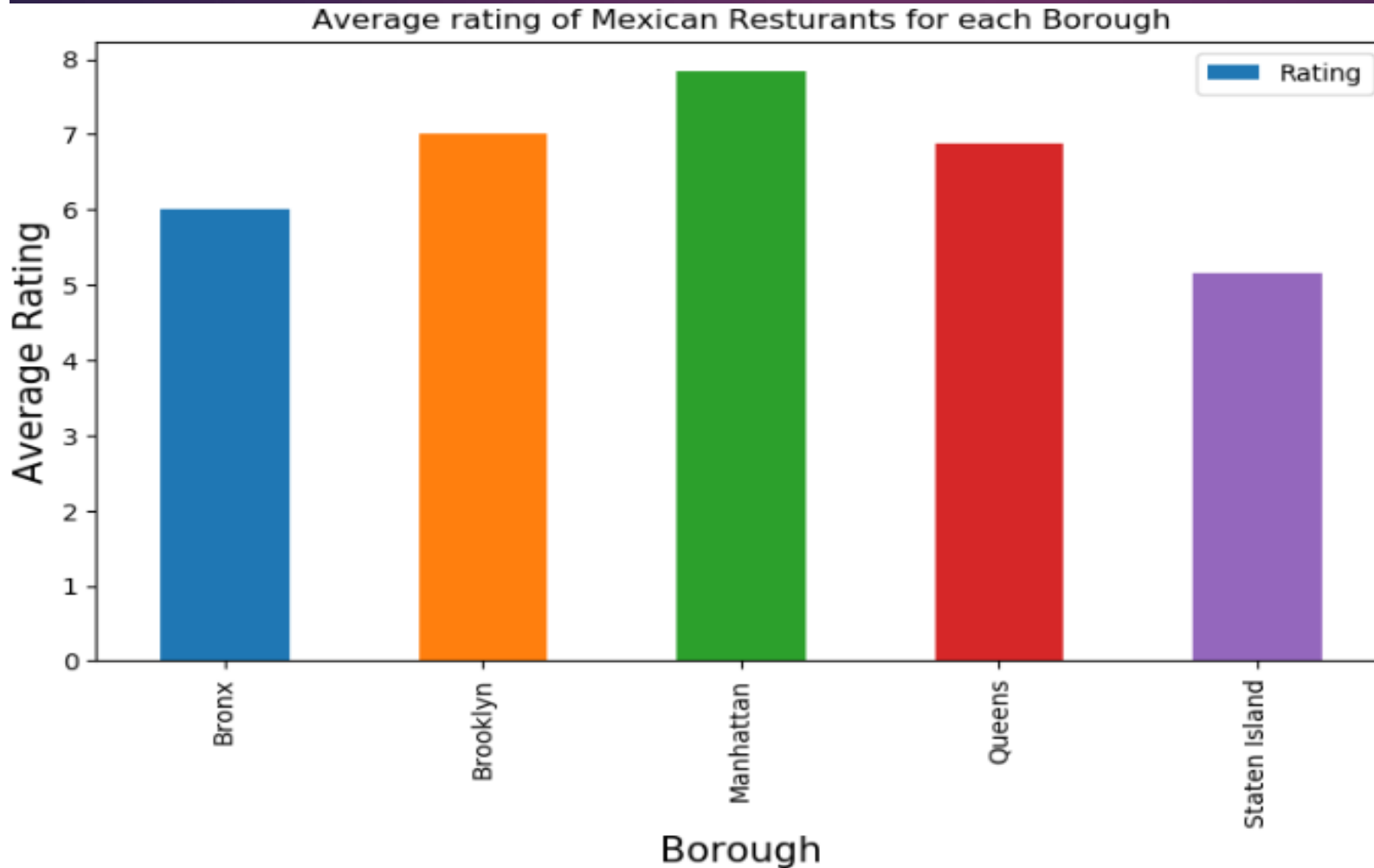
Neighbourhoods Studied

Number of Neighborhood for each Borough in New York City

- ▶ There are 306 different Neighborhoods in New York and Queens has the highest number of neighborhood

Mexican restaurants for each Neighborhood

Number of Mexican Resturants for each Borough in New York City

From the graph shown, Brooklyn has the largest number of Mexican Restaurants

Average Rating per Neighbourhood

Average rating of Mexican Resturants for each Borough

▶ Looking at the average rating for each neighbourhood, Manhattan is seen to have the restaurants with the highest ratings

Conclusion

- Queens(Hunters Point) and Bronx(Parkchester) are some of the best neighborhoods for Mexican Dishes.

- Manhattan have potential Mexican Restaurant Market.

- Staten Island ranks last in average rating of Mexican Restaurants.

- Manhattan is the best place to stay if you prefer Mexican Dishes.