

TURKISH RESTAURANTS

IN NEW YORK CITY

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Introduction

This final project will reveal the best locations for Turkish restaurants throughout New York City. Food trade is the most growing industry in New York. This City is a major metropolitan area with more than 8.4 million people. During the late nineteenth and early twentieth centuries, Turkish tourist want to spend some days in New York City, but he wants to locate in a place where he can find his home food, so he decides to look for the best Turkish restaurants but how he can do that?.

So I will analyze New York area to find him what he need and answer his questions.. This report explores New York City's neighborhoods and neighborhoods with the best Turkish restaurants.

So, where located the best rated Turkish restaurant ?

Data

In order to answer the above questions, data on New York City neighborhoods, boroughs to include boundaries, latitude, longitude, restaurants, and restaurant ratings and tips are required. New York City data containing the neighborhoods and boroughs, latitudes, and longitudes will be obtained from the data source: https://cocl.us/new_york_dataset New York City data

containing neighborhood boundaries will be obtained from the data source: <https://data.cityofnewyork.us/City-Government/Borough-Boundaries/tqmj-j8zm> All data related to locations and quality of Turkish Restaurant will be obtained via the Foursquare API utilized via the Request library in Python.

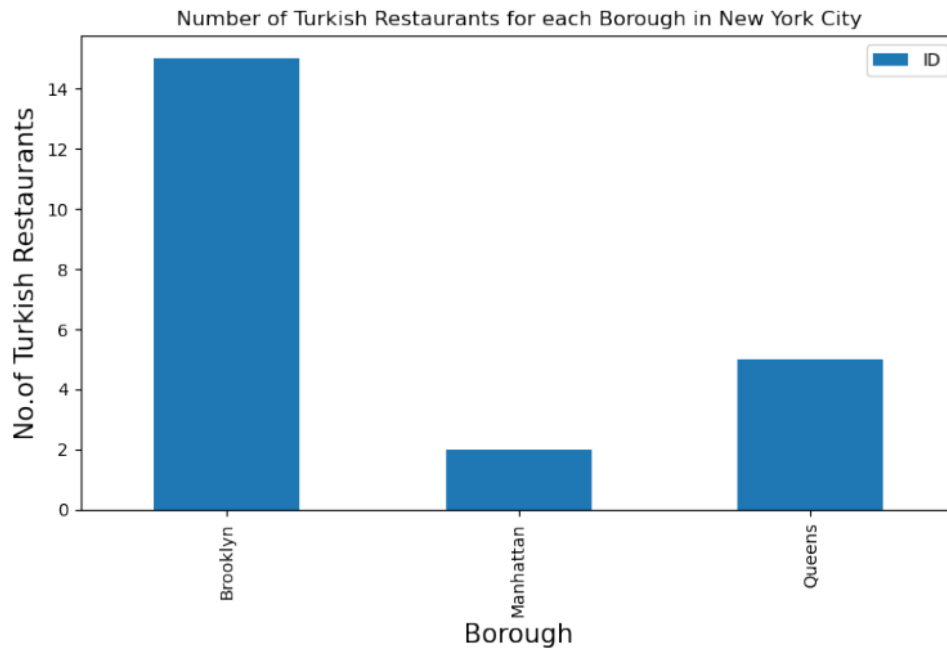
Methodology

- collect the New York City data from https://cocl.us/new_york_dataset
- Using Foursquare API we will find all venues for each neighborhood.
- Filter out all venues that has Turkish Restaurants.
- Then, Find Rating, Tips and Likes count for each Turkish Restaurants using Foursquare API.
- Using rating for each restaurant, we will sort that data.
- Finally, Visualize the Ranking of neighborhoods using folium library(python)

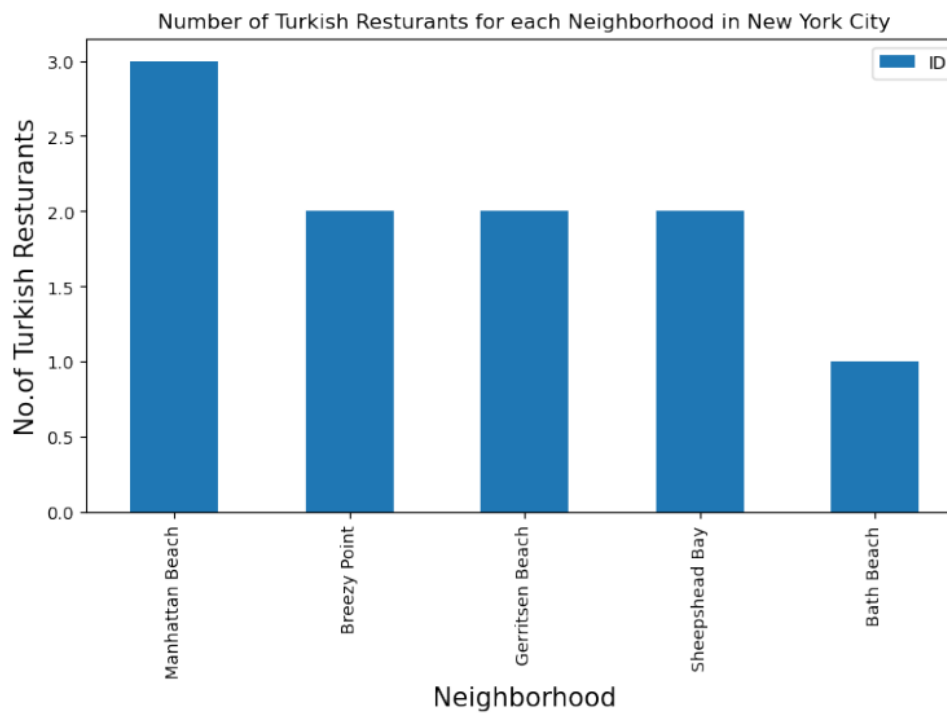
Problem Statement

1. What are the best locations for Turkish cuisine in New York City?
2. Where would I go in New York City to have the best Turkish food?

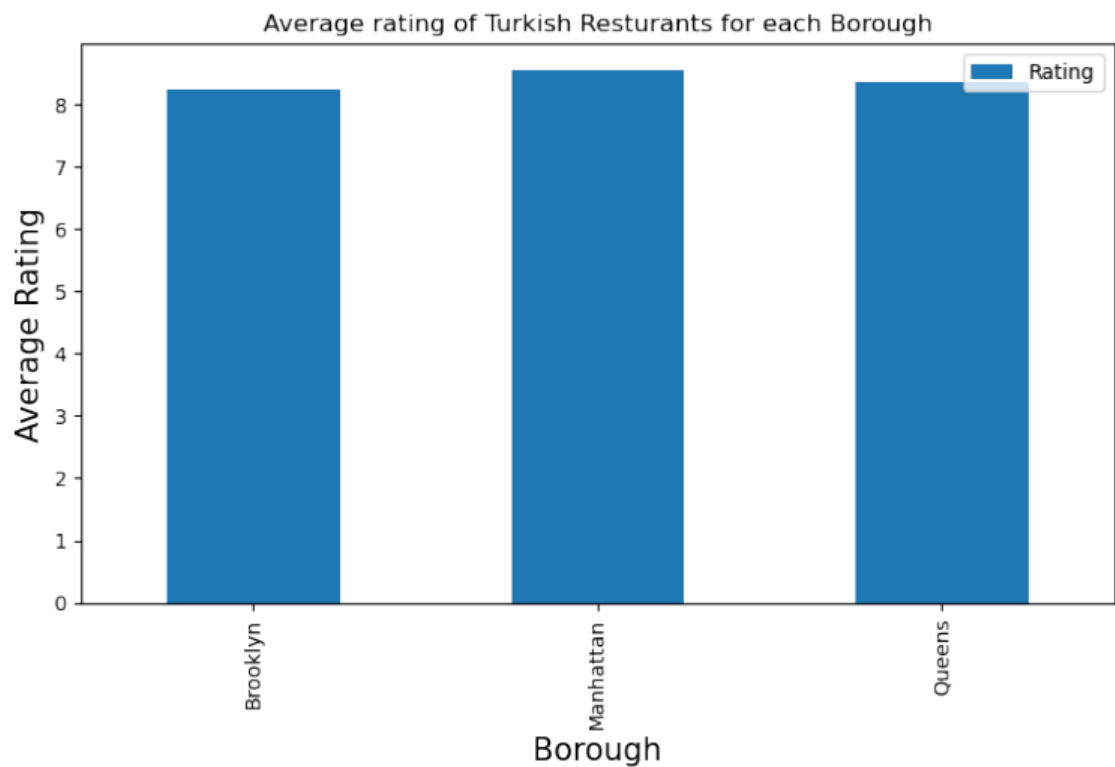
Results and Discussion



It is clear from the data obtained that the most Turkish restaurants located in the borough of Brooklyn.

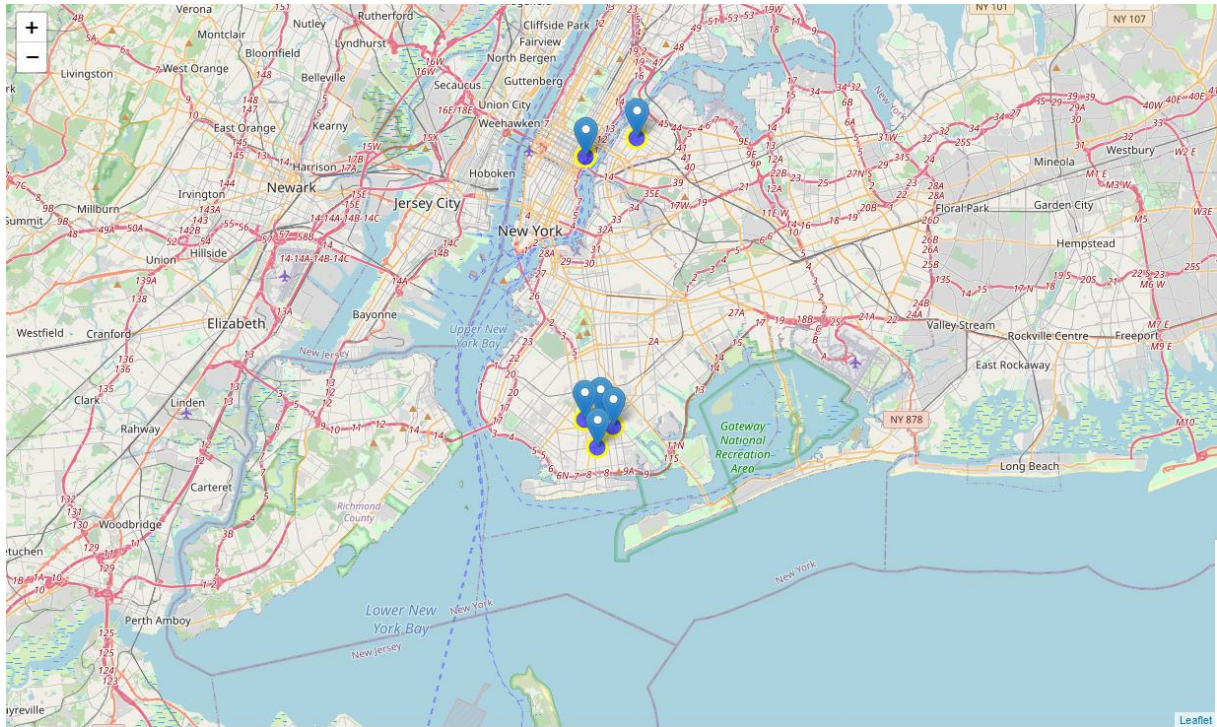


Concerning neighborhoods of New York, Manhattan Beach has the big number of Turkish restaurants than Breezy Point, Gerritsen Beach Sheepshead Bay and Bath Beach.



The

Boroughs like Brooklyn and Queens provide less average rating of Turkish restaurant while Manhattan maintaining high average ratings.



Conclusion

Manhattan has the best rated Turkish restaurants on average. Queens and Brooklyn have the least number of Turkish restaurants per borough.

As a final note, all the above analysis is depended on the adequacy and accuracy of Four Square data. A more comprehensive analysis and future work would need to incorporate data from other external databases.