

The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic visual effect.

Finding the place with best Indian restaurants in NYC

New York City and Its Demography

- ▶ NYC, the most populous city in NYC has a population of almost 8.4 million as of 2018. It's the largest metropolitan area in the world by urban landmass.
- ▶ It's a major entry point for immigrants, in fact the term "melting pot" was coined in NYC".
- ▶ Such a diverse background results in diversity of cuisines. One will find every cuisine imaginable in NYC, from Italian, French, English to Indian, Chinese and Korean.

Problem Statement

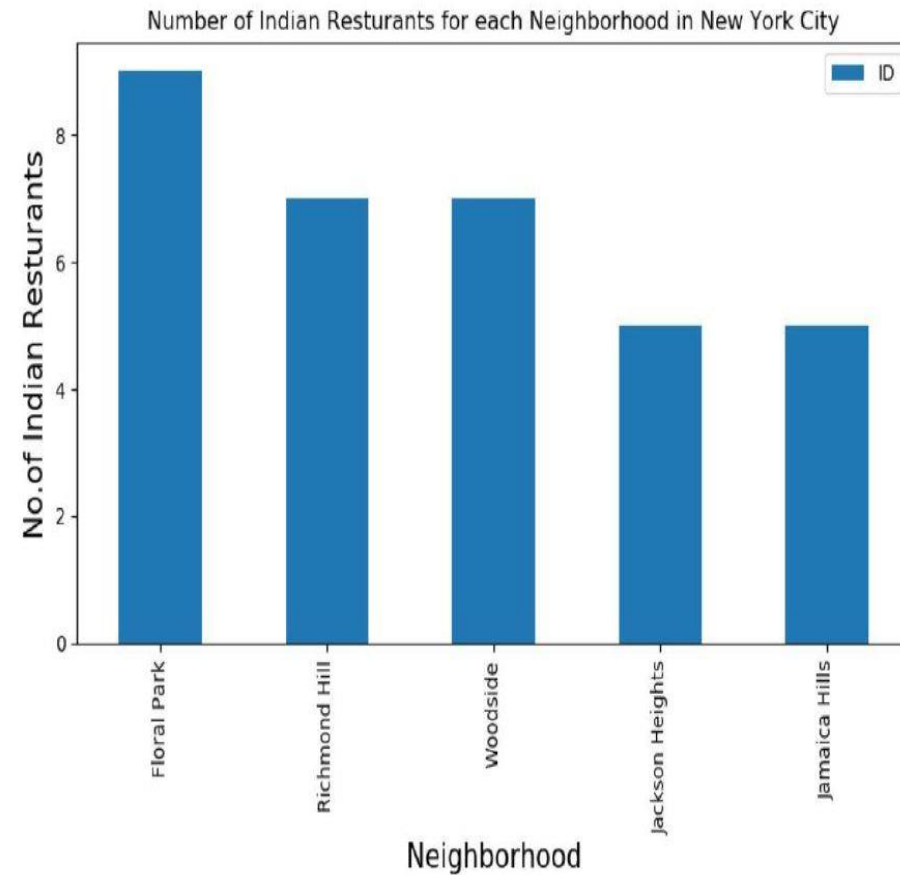
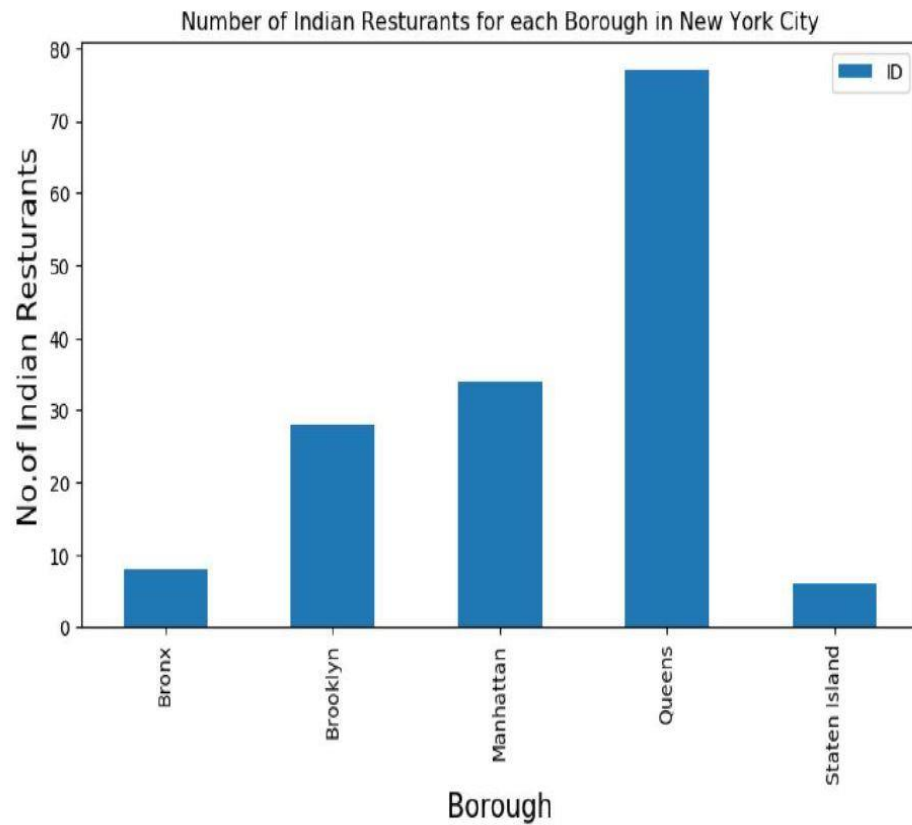
- ▶ With such highly diverse background, finding a place that houses the best Indian restaurants becomes a kind of a challenge.
- ▶ This project aims to find that place by utilizing data from FourSquare API as it contains counts of likes, tips and ratings.

Data sources

- ▶ Data on NYC that contains list of boroughs, neighborhoods along with their latitude and longitude has been scrapped from https://cocl.us/new_york_dataset.
- ▶ Data on Indian restaurants in each neighborhood has been scrapped from FourSquare API.
- ▶ Geospace data on New York Boroughs has been taken from <https://data.cityofnewyork.us/City-Government/Borough-Boundaries/tqmj-j8zm>.

Data Analysis

- No. of Indian Restaurants for each borough and each neighborhood.



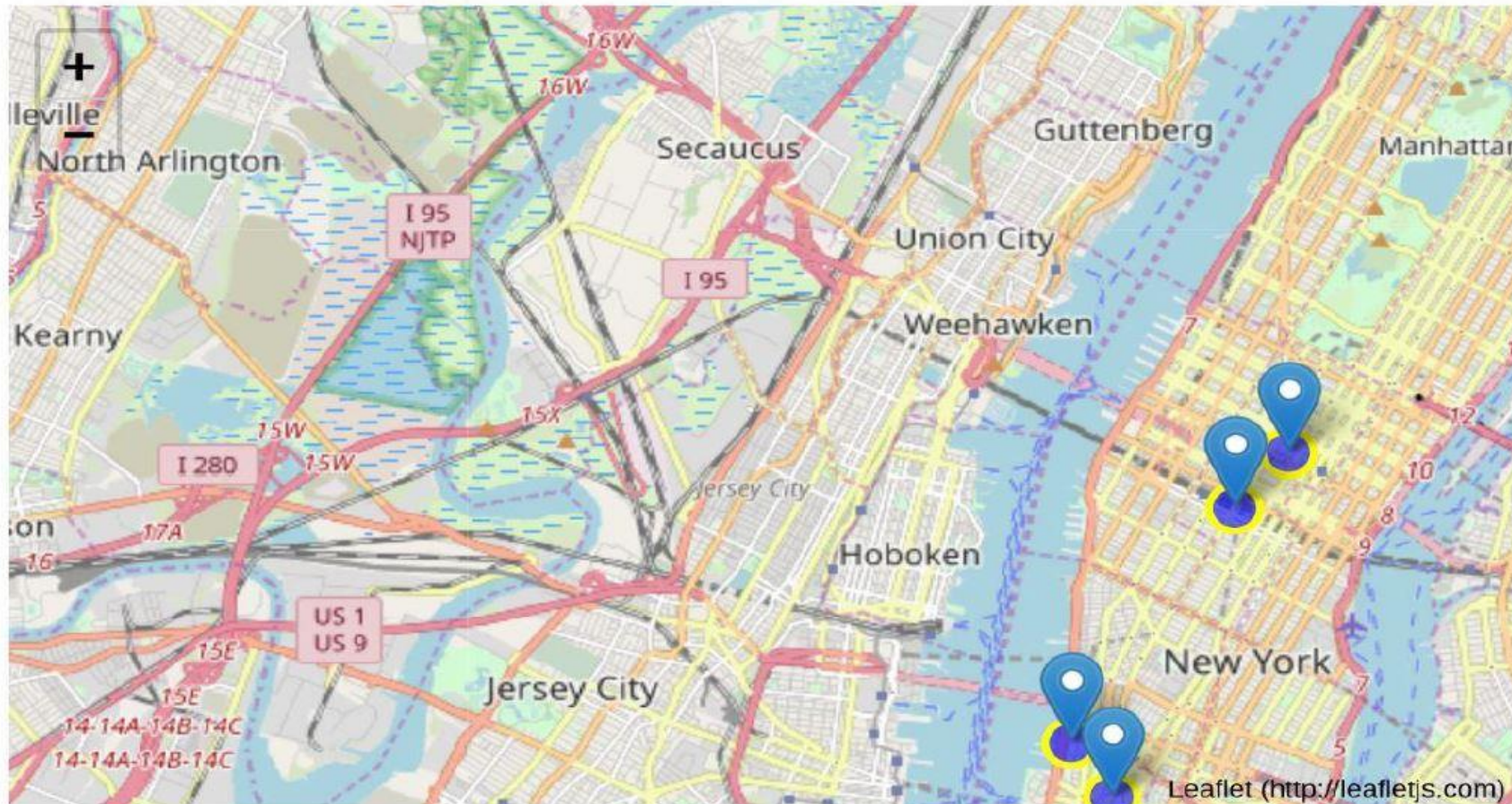
Neighborhoods and Boroughs with highest average ratings

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	Neighborhood	Average Rating
0	Astoria	9.200000
71	Sunnyside	9.200000
75	Tribeca	9.200000
5	Blissville	9.200000
11	Civic Center	9.200000
47	Midtown	9.000000
48	Midtown South	9.000000
30	Gramercy	8.866667
66	Roosevelt Island	8.700000
53	North Side	8.700000

	Borough	Average Rating
2	Manhattan	8.414706
1	Brooklyn	7.478571
0	Bronx	6.812500
3	Queens	6.155844
4	Staten Island	5.266667

Visualization of the Data on a map which was created using Folium library.



Results and Conclusion

- ▶ Astoria(Queens), Blissville(Queens), Civic Center(Manhattan) are some of the best neighborhoods for Indian cuisine.
- ▶ Manhattan has the highest potential for Indian Restaurant Market.
- ▶ Staten Island ranks last in average rating of Indian Restaurants.
- ▶ Manhattan is the best place to stay if you prefer Indian Cuisine.