# The Battle of Neighbourhoods

# Data

- *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.*

- *Data source : Foursquare API*

- *Description : By using this api we will get all the venues in each neighborhood. We can filter these venues to get only Indian restaurants.*

- *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.*
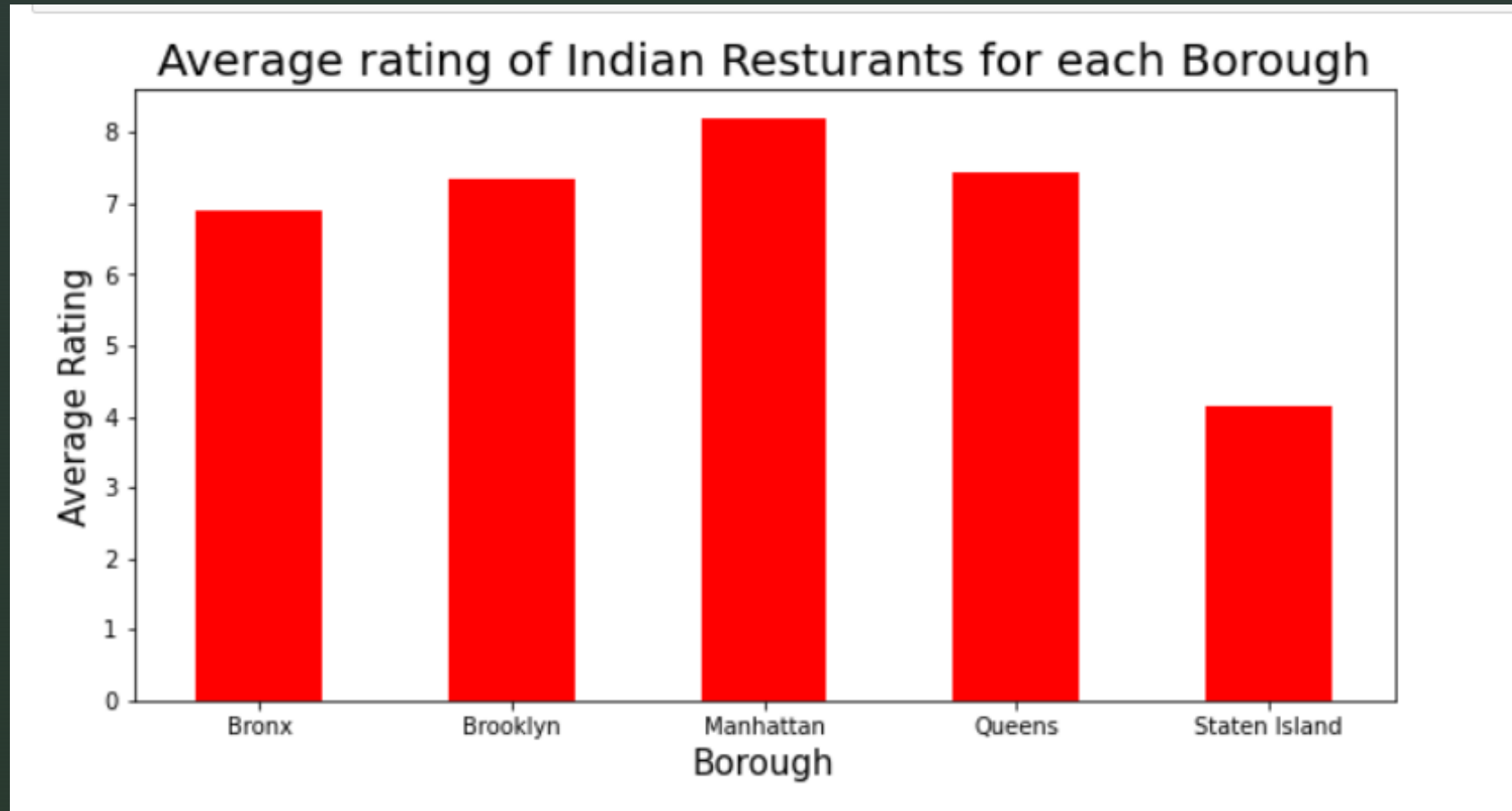
# Analysis

Indian Restuarants in Brooklyn

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indian_rest_ny[indian_rest_ny['Borough']=='Brooklyn']
```

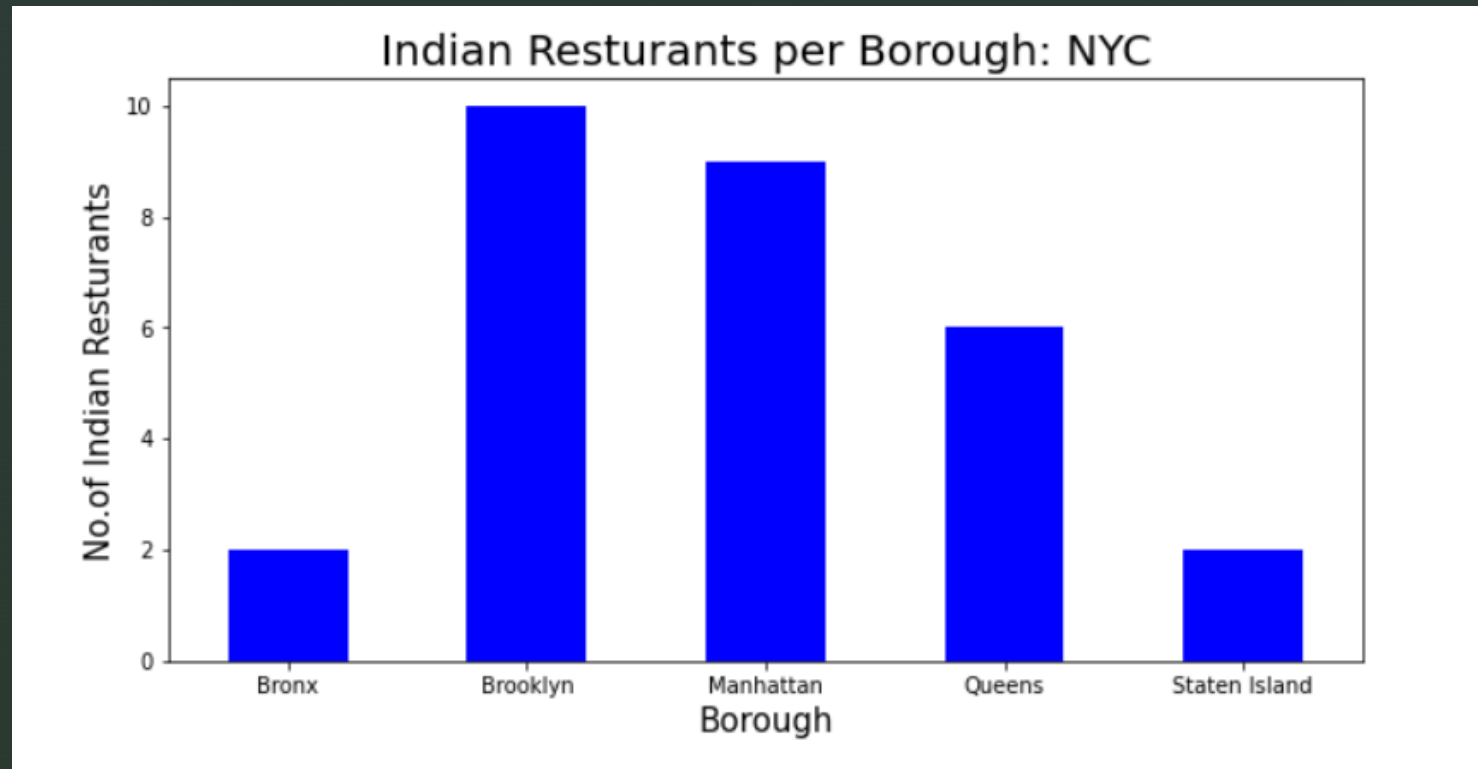| | Unnamed: 0 | Borough | Neighborhood | ID | Name |
|---|---|---|---|---|---|
| **2** | 2 | Brooklyn | Bay Ridge | 545835a1498e820edc6f636f | Bombay Grill |
| **3** | 3 | Brooklyn | Greenpoint | 51a5445c498ee0f182370cb2 | Agra Taj Mahal |
| **4** | 4 | Brooklyn | Bushwick | 5169f5c4e4b0c7fcb77a0f3c | Agra Heights |
| **5** | 5 | Brooklyn | Brooklyn Heights | 4b8ffc16f964a520246e33e3 | Curry Heights |
| **6** | 6 | Brooklyn | Gowanus | 52f18573498ec2c34e830ffd | Kanan's Indian Restaurant |
| **7** | 7 | Brooklyn | Fort Greene | 57596dad498e732300496b23 | Dosa Royale |
| **8** | 8 | Brooklyn | Clinton Hill | 568d3902498e619efcbc3f58 | Spice & Grill |
| **9** | 9 | Brooklyn | Clinton Hill | 4ace7c86f964a520d3d020e3 | Kinara's |
| **10** | 10 | Brooklyn | Boerum Hill | 543870ec498ec64de510608d | Masala Grill |
| **11** | 11 | Brooklyn | Prospect Lefferts Gardens | 4bb93b70cf2fc9b6fe64a002 | Gandhi Fine Indian Cuisine |

# Average Rating of Indian Restaurants in Sorted Order

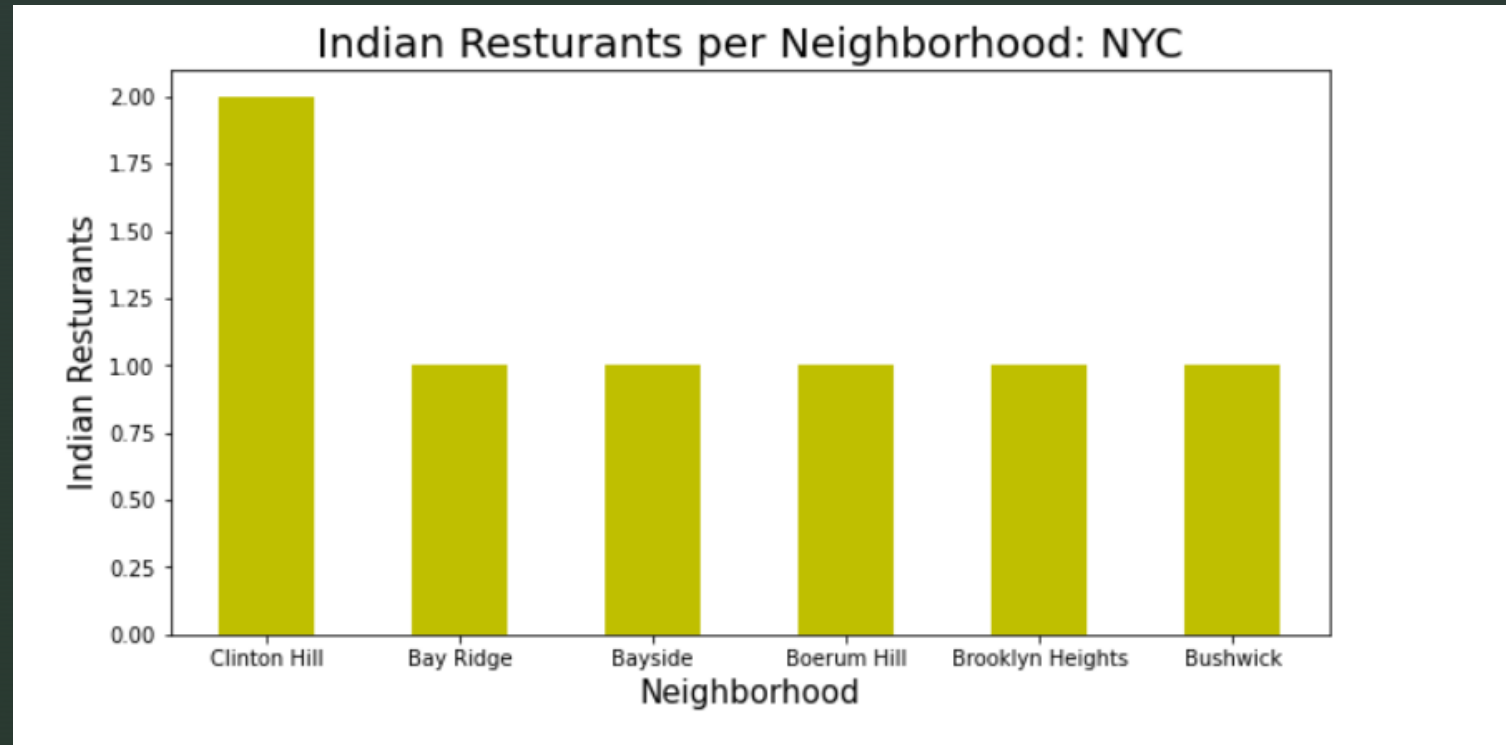| | Neighborhood | Average Rating |
|---|---|---|
| 9 | Fort Greene | 8.8 |
| 6 | Chelsea | 8.8 |
| 19 | Prospect Lefferts Gardens | 8.7 |
| 23 | Tribeca | 8.6 |
| 22 | Sutton Place | 8.5 |
| 8 | Flatiron | 8.4 |
| 17 | Midtown | 8.4 |
| 18 | New Dorp | 8.3 |
| 1 | Bayside | 8.2 |
| 25 | Washington Heights | 8.0 |

Rating Vs Borough

# Restaurants Vs Borough

# Restaurants Vs Neighborhoods

# Result

- Fort Greene and Chelsea have the best rated Indian restaurants on average.

- Staten Island and The Bronx have the least amount of Indian restaurants per borough.

- Clinton Hill is the neighborhood in all of NYC with the most Indian Restaurants.

- Manhattan and Brooklyn are the best locations for Indian cuisine in NYC.

- I would open an Indian restaurant in Bronx.

- I would go to Midtown in Manhattan for the best Indian food based on 834 likes.

# The End