

Best Area For Indians In Newyork

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Dataset:

New York City data that contains list Boroughs, Neighborhoods along with their latitude and longitude.

Data source :

https://cocl.us/new_york_dataset

Data source :

<https://data.cityofnewyork.us/City-Government/Borough-Boundaries/tqmj-j8zm>

Approach

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 are Indian Restaurants.

Find rating , tips and like count for each Indian Restaurants using FourSquare API.

Using rating for each restaurant , we will sort that data.

Visualize the Ranking of neighborhoods using folium library(python)

Dataset Head

	Borough	Neighborhood	Latitude	Longitude
0	Bronx	Wakefield	40.894705	-73.847201
1	Bronx	Co-op City	40.874294	-73.829939
2	Bronx	Eastchester	40.887556	-73.827806
3	Bronx	Fieldston	40.895437	-73.905643
4	Bronx	Riverdale	40.890834	-73.912585

Indian restaurants in Newyork

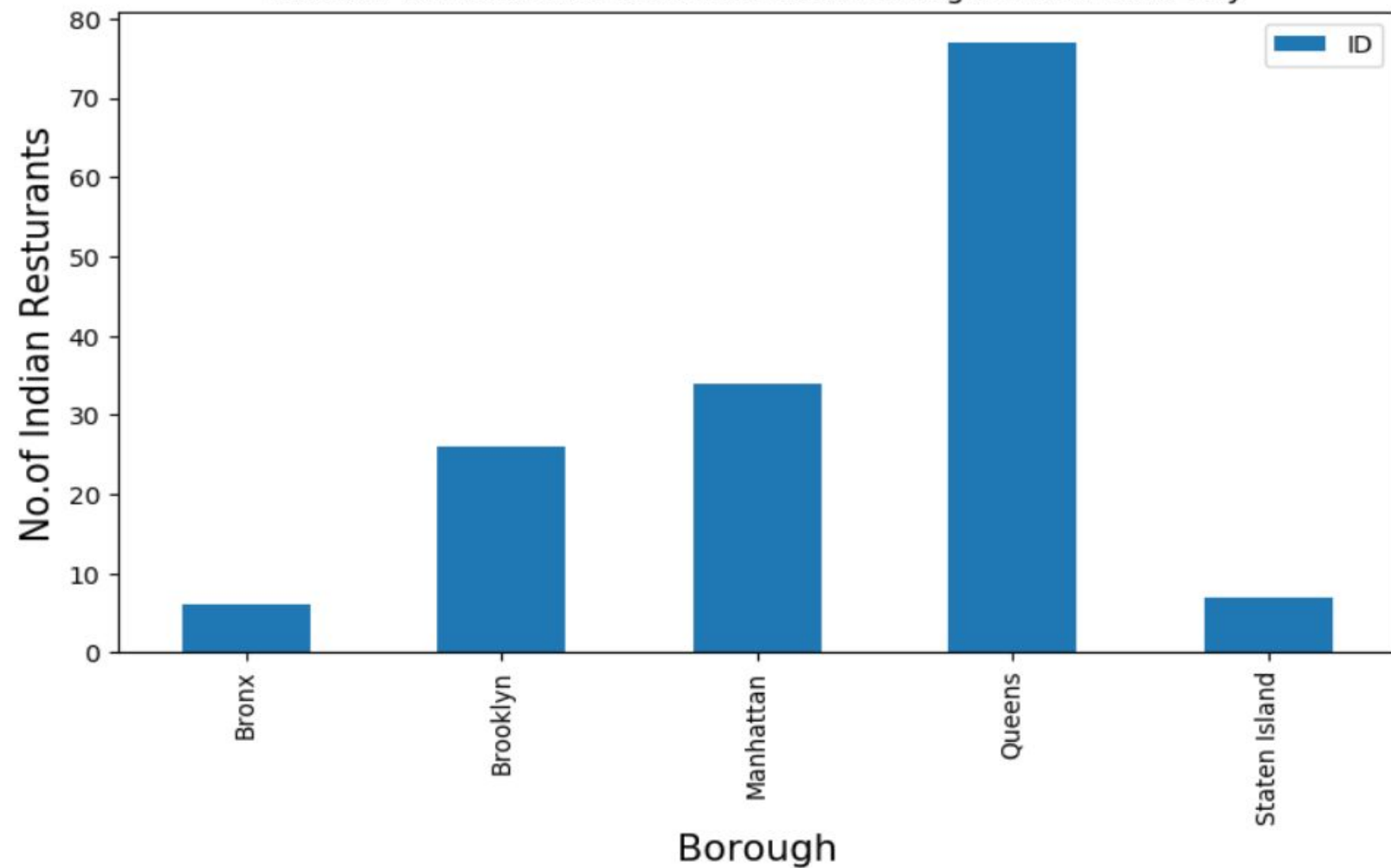
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( 289 / 306 ) Indian Resturants in Roxbury, Queens:0
( 290 / 306 ) Indian Resturants in Homecrest, Brooklyn:0
( 291 / 306 ) Indian Resturants in Middle Village, Queens:0
( 292 / 306 ) Indian Resturants in Prince's Bay, Staten Island:0
( 293 / 306 ) Indian Resturants in Lighthouse Hill, Staten Island:0
( 294 / 306 ) Indian Resturants in Richmond Valley, Staten Island:0
( 295 / 306 ) Indian Resturants in Malba, Queens:0
( 296 / 306 ) Indian Resturants in Highland Park, Brooklyn:0
( 297 / 306 ) Indian Resturants in Madison, Brooklyn:0
( 298 / 306 ) Indian Resturants in Bronxdale, Bronx:0
( 299 / 306 ) Indian Resturants in Allerton, Bronx:0
( 300 / 306 ) Indian Resturants in Kingsbridge Heights, Bronx:0
( 301 / 306 ) Indian Resturants in Erasmus, Brooklyn:1
( 302 / 306 ) Indian Resturants in Hudson Yards, Manhattan:0
( 303 / 306 ) Indian Resturants in Hammels, Queens:0
( 304 / 306 ) Indian Resturants in Bayswater, Queens:0
( 305 / 306 ) Indian Resturants in Queensbridge, Queens:2
( 306 / 306 ) Indian Resturants in Fox Hills, Staten Island:1
```

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In [19]: indian_rest_ny.head() #analyzing neighbourhoods
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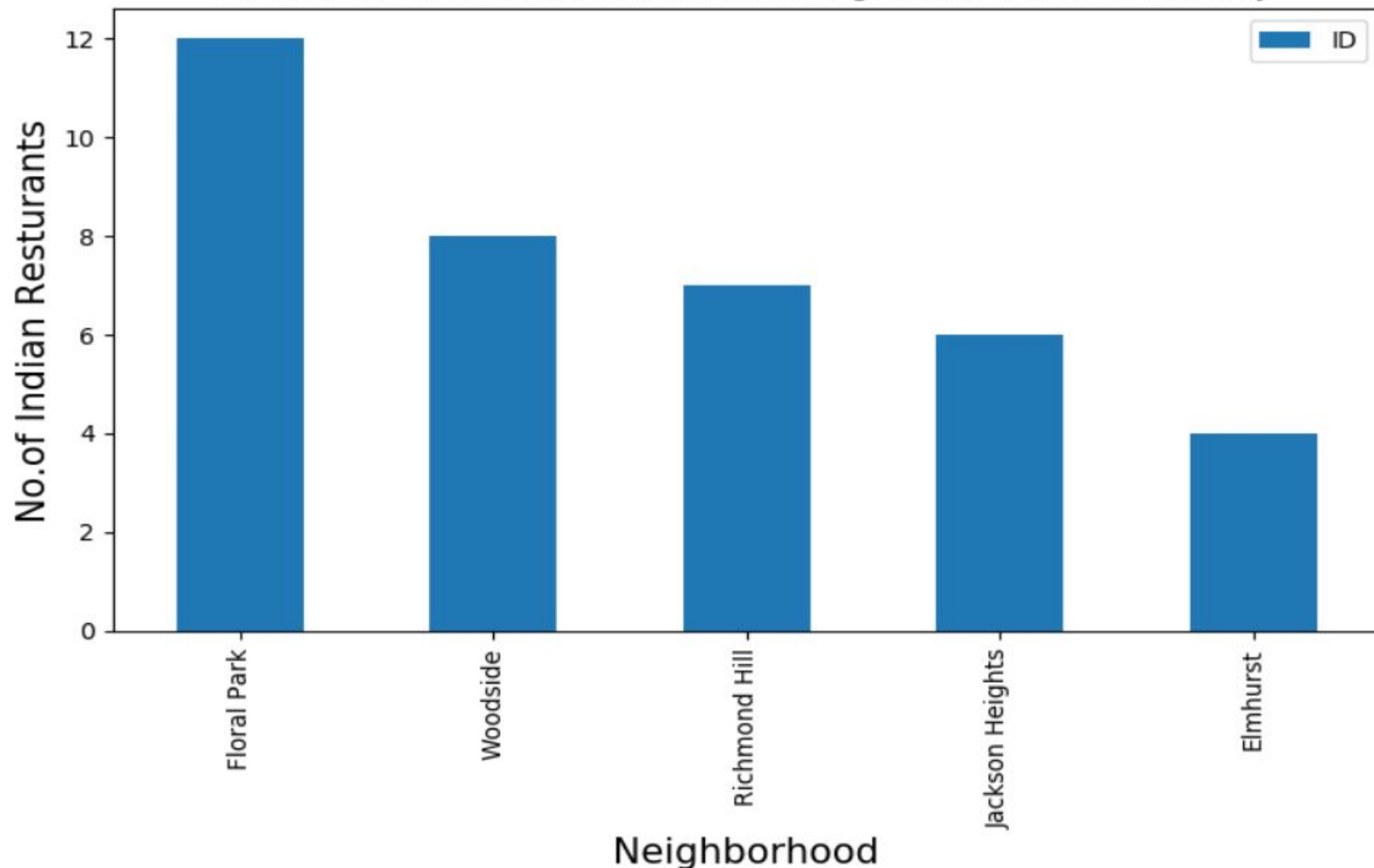
Out[19]:

	Borough	Neighborhood	ID	Name
0	Bronx	Woodlawn	4c0448d9310fc9b6bf1dc761	Curry Spot
1	Bronx	Parkchester	4c194631838020a13e78e561	Melanies Roti Bar And Grill
2	Bronx	Spuyten Duyvil	4c04544df423a593ac83d116	Cumin Indian Cuisine
3	Bronx	Concourse	551b7f75498e86c00a0ed2e1	Hungry Bird
4	Bronx	Unionport	4c194631838020a13e78e561	Melanies Roti Bar And Grill

Number of Indian Restaurants for each Borough in New York City



Number of Indian Restaurants for each Neighborhood in New York City

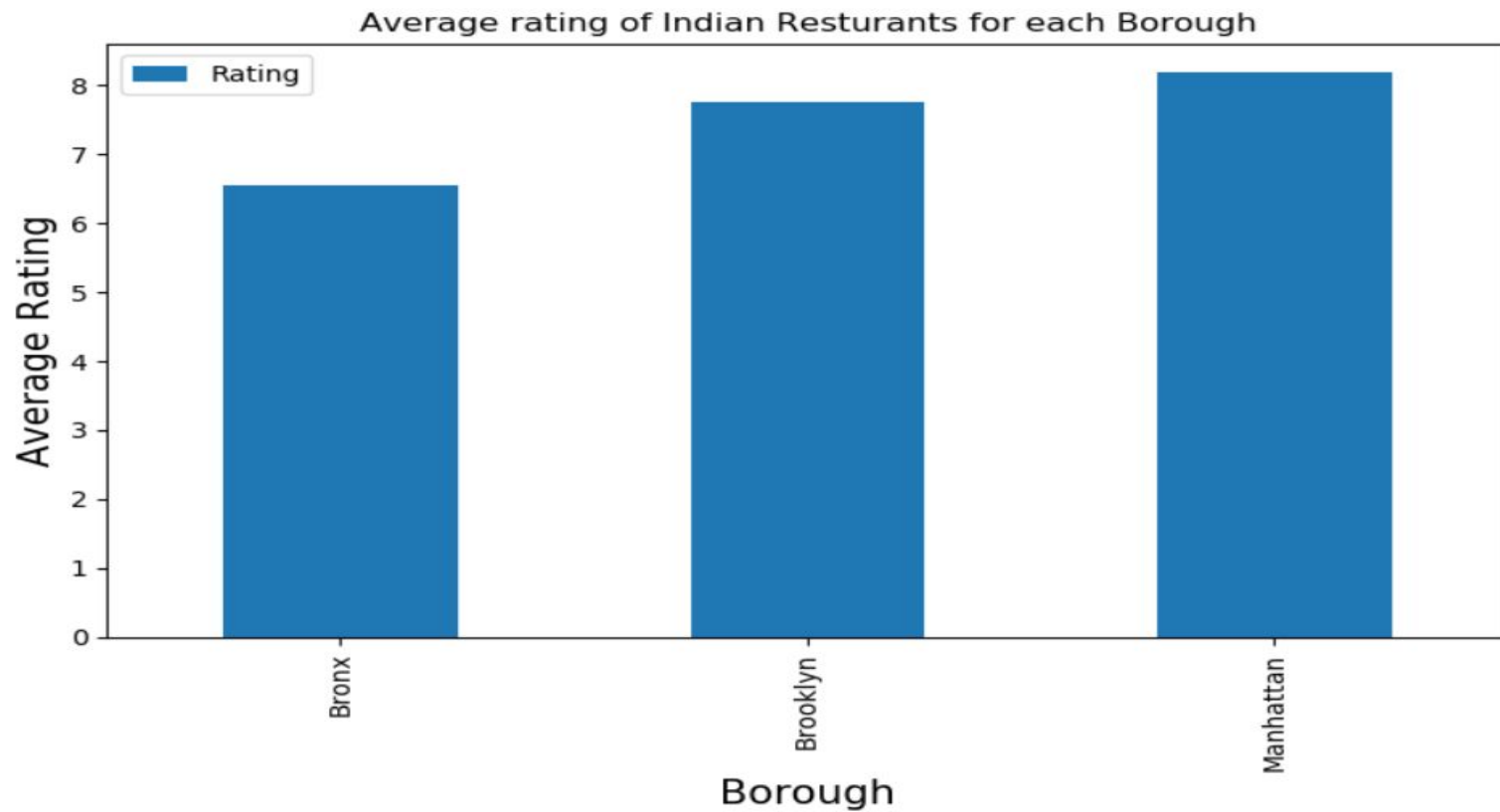


Indian restaurants and ratings

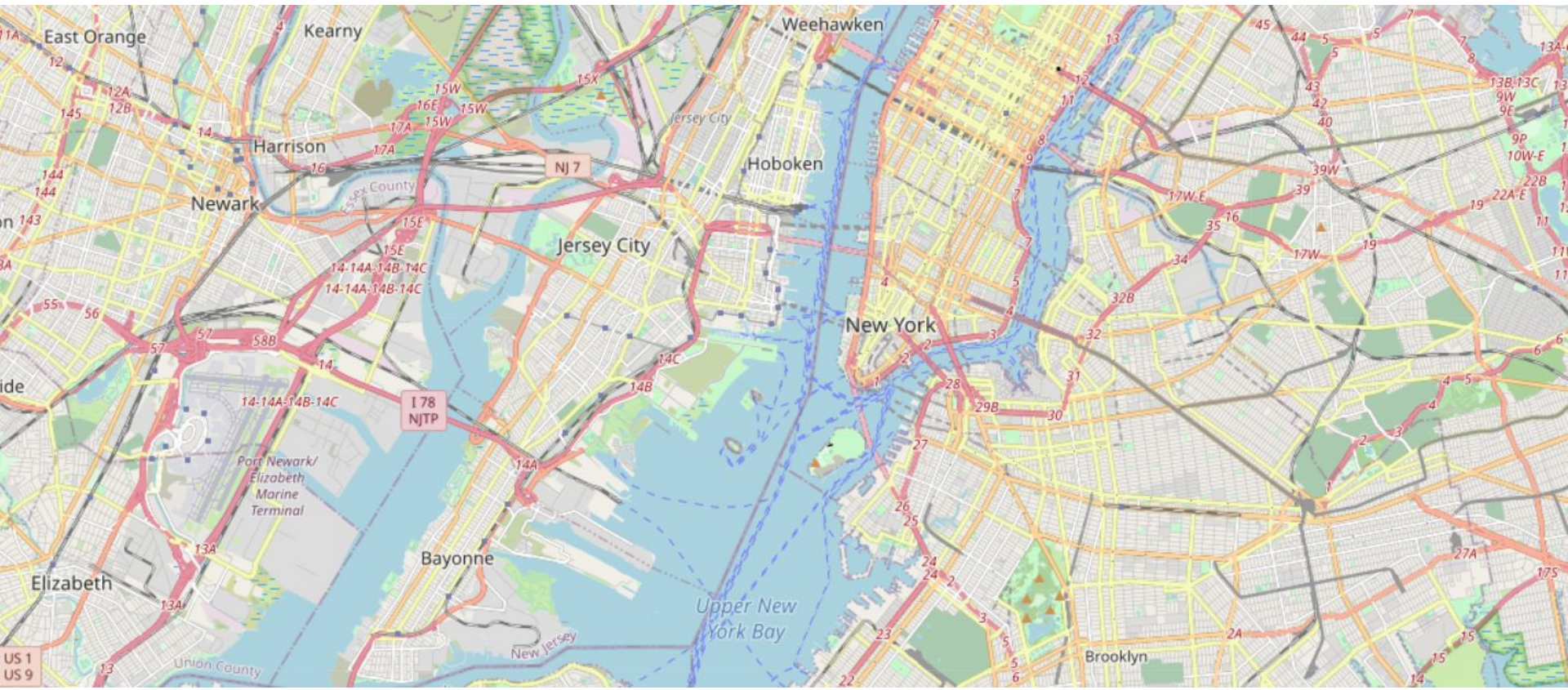
Out[25]:

	Borough	Neighborhood	ID	Name	Likes	Rating	Tips
0	Bronx	Woodlawn	4c0448d9310fc9b6bf1dc761	Curry Spot	5	8.1	10
1	Bronx	Parkchester	4c194631838020a13e78e561	Melanies Roti Bar And Grill	3	5.9	2
2	Bronx	Spuyten Duyvil	4c04544df423a593ac83d116	Cumin Indian Cuisine	13	5.8	9
3	Bronx	Concourse	551b7f75498e86c00a0ed2e1	Hungry Bird	8	7.0	3
4	Bronx	Unionport	4c194631838020a13e78e561	Melanies Roti Bar And Grill	3	5.9	2

Sorting according to rating



Visualisation



Results

Astoria(Queens), Blissville(Queens), Civic Center(Manhattan) are some of the best neighborhoods for indian cuisine. Manhattan have potential Indian Resturant Market/ Manhattan is the best place to stay if you prefer Indian Cuisine.