

The Battle of Neighborhoods

ANALYSIS OF CHINESE RESTAURANT IN NEW YORK CITY

PROBLEMS

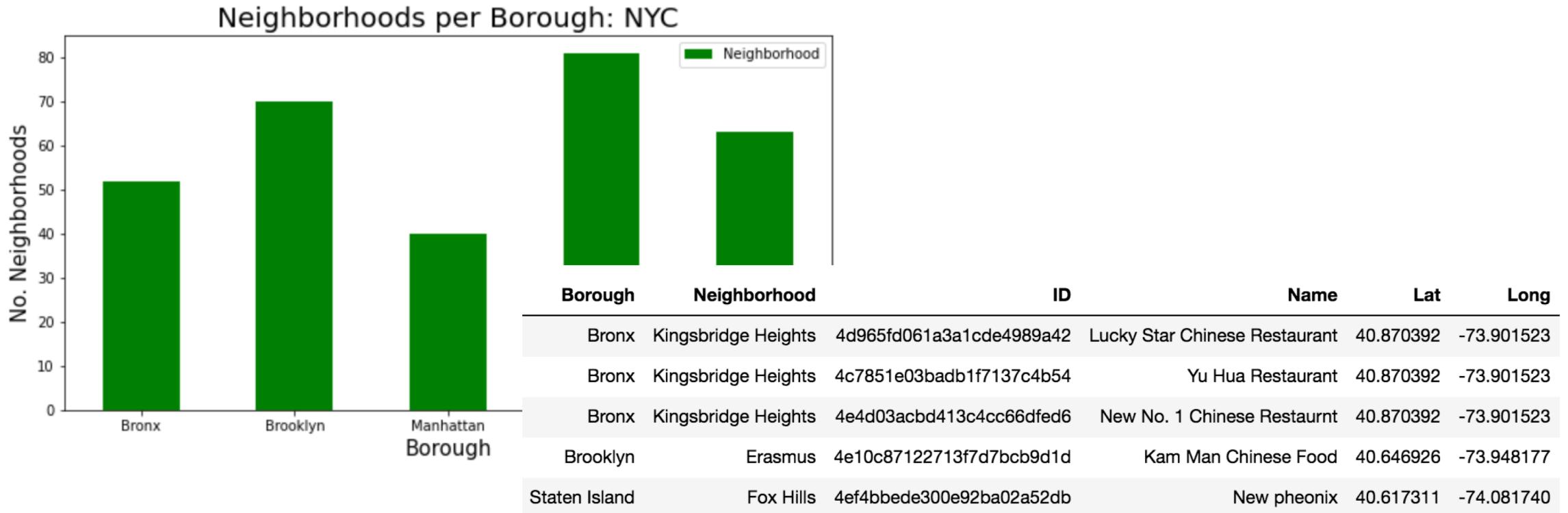
- ▶ Tourist in 2021 from abroad significantly reduce because of COVID-19 Pandemic, hence the local tourist should be maximized to be improved. One of the solution is to open or re-open Restaurant. One of most favorite restaurant in U.S is Chinese Restaurant. In order to open the new restaurant, several factors should be considered such as:
 - ▶ Whether the location closely related to other Chinese Restaurant
 - ▶ Whether the location has the best chance to be opened
 - ▶ Other reasons

DATA

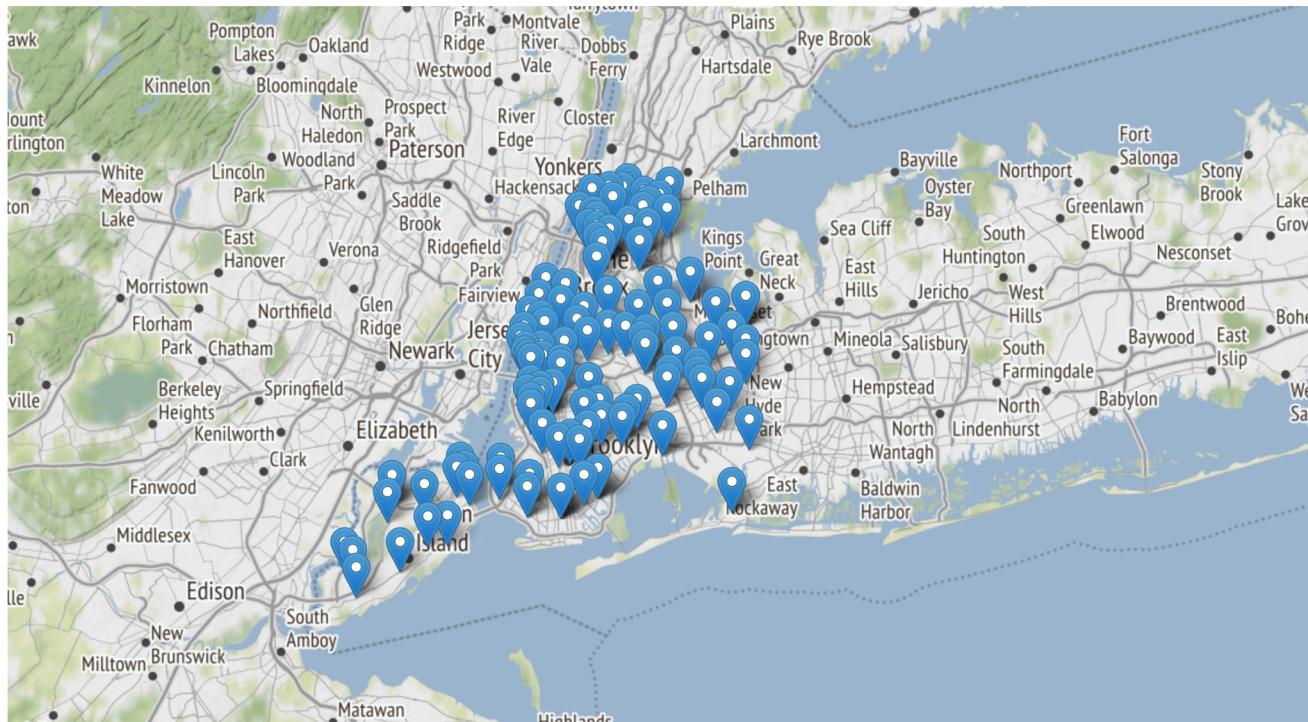
► DATA

- ▶ Data New York City is collected from https://cocl.us/new_york_dataset
- ▶ Foursquare API is used to locate all venues and filtered with Chinese Restaurant
- ▶ Data is visualize using Python

Neighborhoods per Borough



Chinese Restaurant in NYC



Statistics

	Borough	Neighborhood	ID	Name	Likes	Rating	Tips	Lat	Long
0	Bronx	Co-op City	0		0	0.0	0	0.0	40.874294 -73.829939
1	Bronx	Norwood	0		0	0.0	0	0.0	40.877224 -73.879391
2	Bronx	Pelham Parkway	4b9d6b45f964a52078ab36e3	Mr. Q's Chinese Restaurant	10.0	7.9	10.0	40.857413	-73.854756
3	Bronx	Pelham Parkway	0		0	0.0	0	0.0	40.857413 -73.854756
4	Bronx	Bedford Park	0		0	0.0	0	0.0	40.870185 -73.885512
5	Bronx	Bedford Park	0		0	0.0	0	0.0	40.870185 -73.885512
6	Bronx	Bedford Park	0		0	0.0	0	0.0	40.870185 -73.885512
7	Bronx	Morris Heights	0		0	0.0	0	0.0	40.847898 -73.919672
8	Bronx	Fordham	0		0	0.0	0	0.0	40.860997 -73.896427
9	Bronx	Fordham	0		0	0.0	0	0.0	40.860997 -73.896427
10	Bronx	Fordham	0		0	0.0	0	0.0	40.860997 -73.896427
11	Bronx	West Farms	0		0	0.0	0	0.0	40.839475 -73.877745
12	Bronx	High Bridge	0		0	0.0	0	0.0	40.836623 -73.926102
13	Bronx	High Bridge	0		0	0.0	0	0.0	40.836623 -73.926102
14	Bronx	Melrose	0		0	0.0	0	0.0	40.819754 -73.909422

Conclusion

- ▶ In order to open the restaurant, the choosing of location is most important, choose the location that still there is no Chinese restaurant in radius 1 Km
- ▶ The Rating, Comments and Likes can be consider as statistics of competitors