

New
restaurant
location
recommendation



Business Problem



Find best place for new restaurant



Help clients grow business



Collect accurate local restaurant data



Analysis for the best recommendation



Data

Client Information

Neighborhood Data

Local Venue Data

Methodology

```
neighborhoods.head()
```

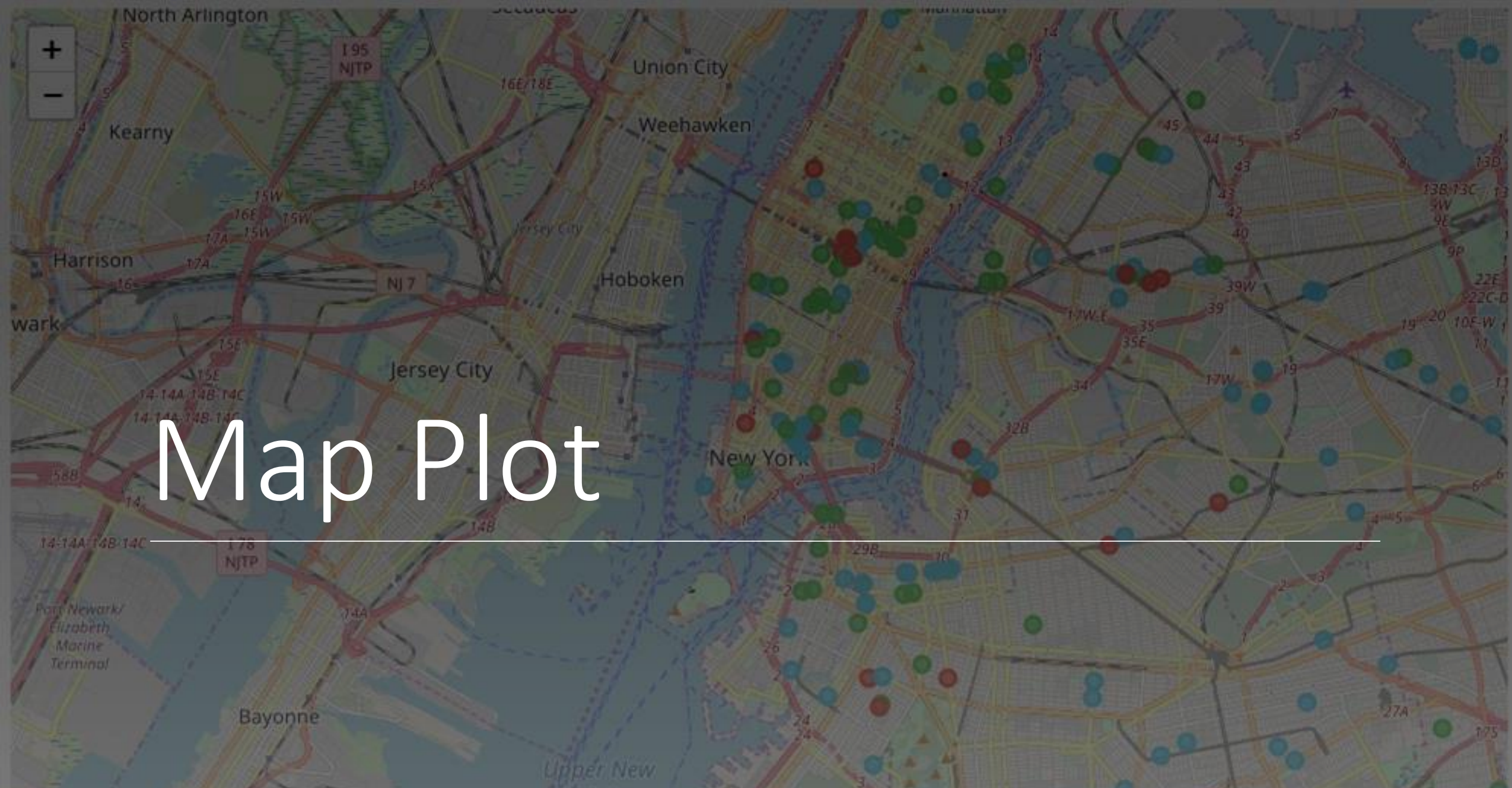
	Borough	Neighborhood	Latitude	Longitude
0	Bronx	Wakefield	40.894705	-73.847201
1	Bronx	Co-op City	40.874294	-73.829939
2	Bronx	Eastchester	40.887556	-73.827806
3	Bronx	Fieldston	40.895437	-73.905643
4	Bronx	Riverdale	40.890834	-73.912585

Neighborhood Data

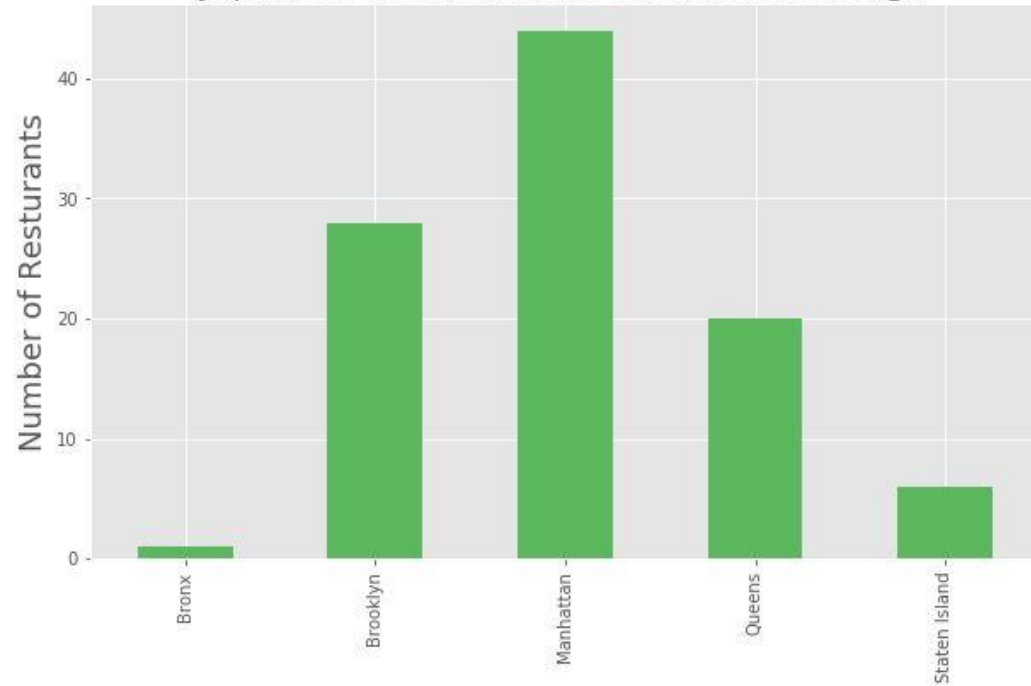
```
restaurants.head()
```

	Borough	Neighborhood	Category	Name	Likes	Rating	ID	Latitude	Longitude
0	Bronx	Co-op City	Chinese Restaurant	Guang Hui Chinese Restaurant	NaN	NaN	4c9d5f2654c8a1cd2e71834b	40.876651	-73.829092
1	Bronx	Eastchester	Chinese Restaurant	Xing Lung Chinese Restaurant	NaN	NaN	4dabc3dc93a04642f09ccabd	40.888785	-73.831226
2	Bronx	Kingsbridge	Chinese Restaurant	Guan Hin Restaurant	NaN	NaN	4e3b11c98877b00cfc27a483	40.883705	-73.897896
3	Bronx	Kingsbridge	Chinese Restaurant	Yeung Hing Chinese Restsurant	NaN	NaN	4da39def540ea1cdfb3b95de	40.885175	-73.899405
4	Bronx	Norwood	Chinese Restaurant	Happy Dragon	NaN	NaN	4ce313fc438b224bbc6c80a3	40.880410	-73.883442

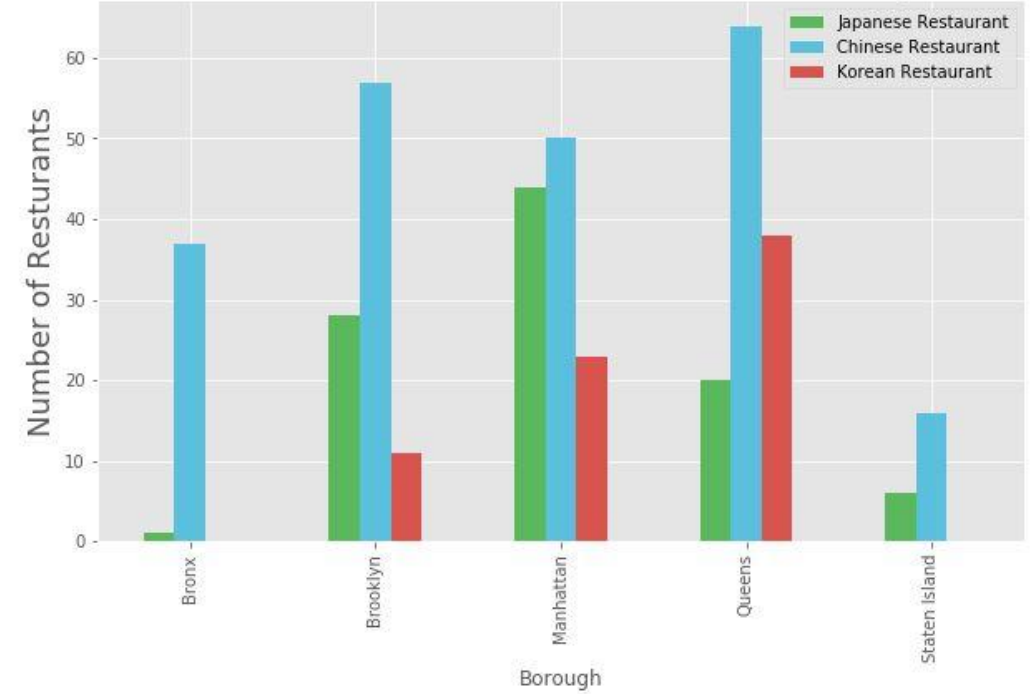
Local Venue Data



Japanese Restaurant in each NYC Borough

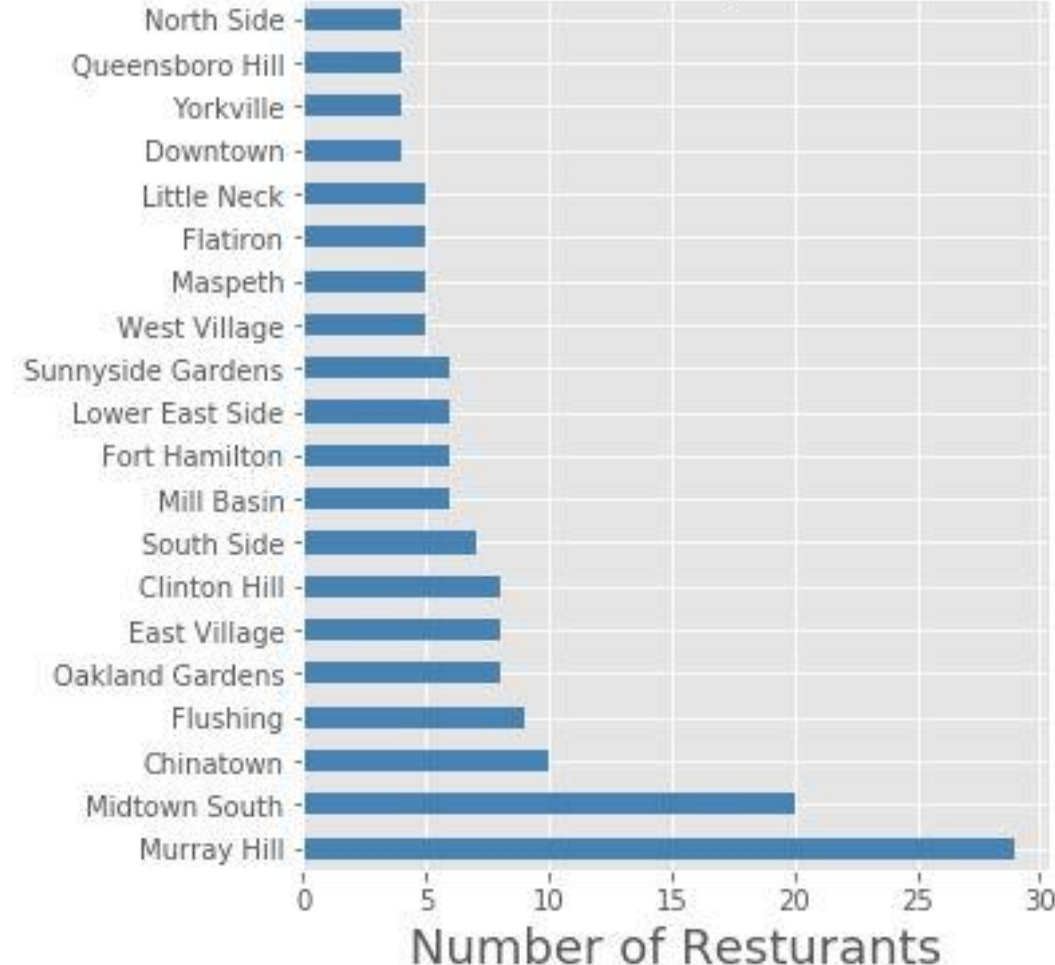


East Asian Restaurants in each NYC Borough



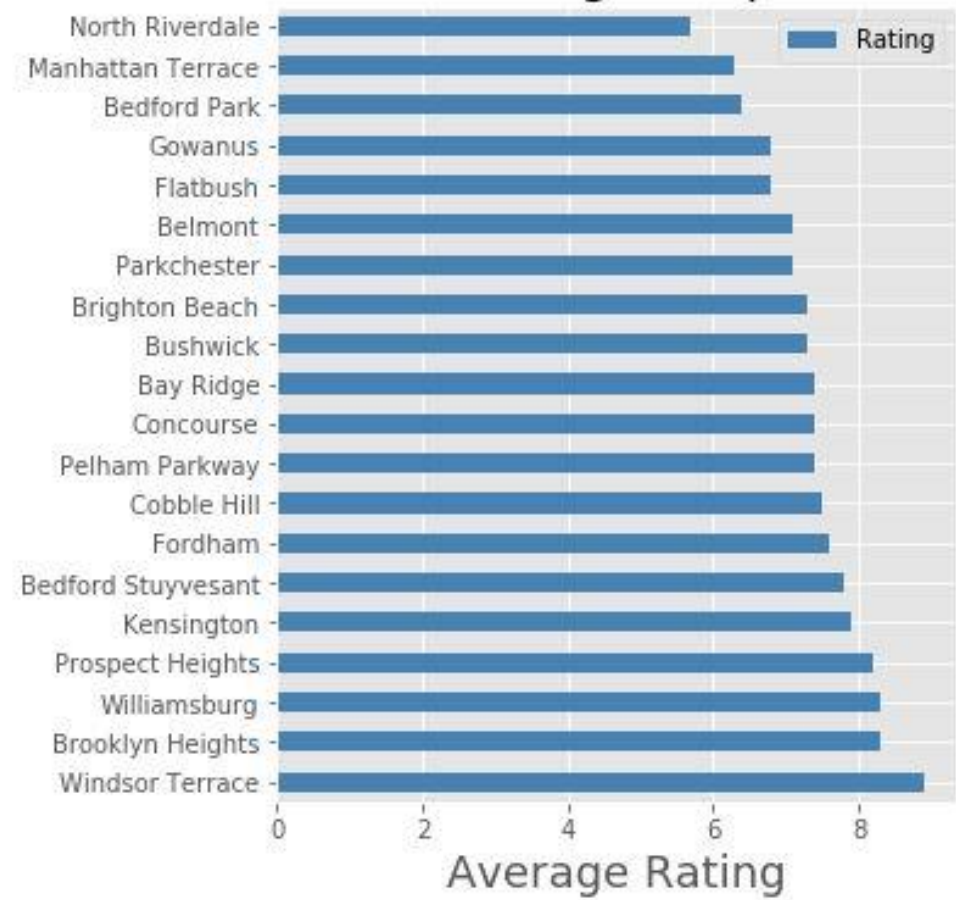
Bar Plot

East Asian Resturants in Top 20 NYC Neighborhood



Rank
neighborhood
by number

East Asian Resturants Rating in Top 20 NYC Neighborhood



Rank
neighborhood
by rating

Result



Murray Hill
Most Competitors



Windsor Terrace
Greatest Ratings

Thank you
