

Restaurant

NYC vs TORONTO



Restaurant

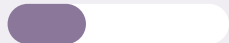
01

NYC

The Asian Cuisines
in NYC are the best



70 %



30 %



02

Toronto

But wines in Toronto
is no comparable



70 %

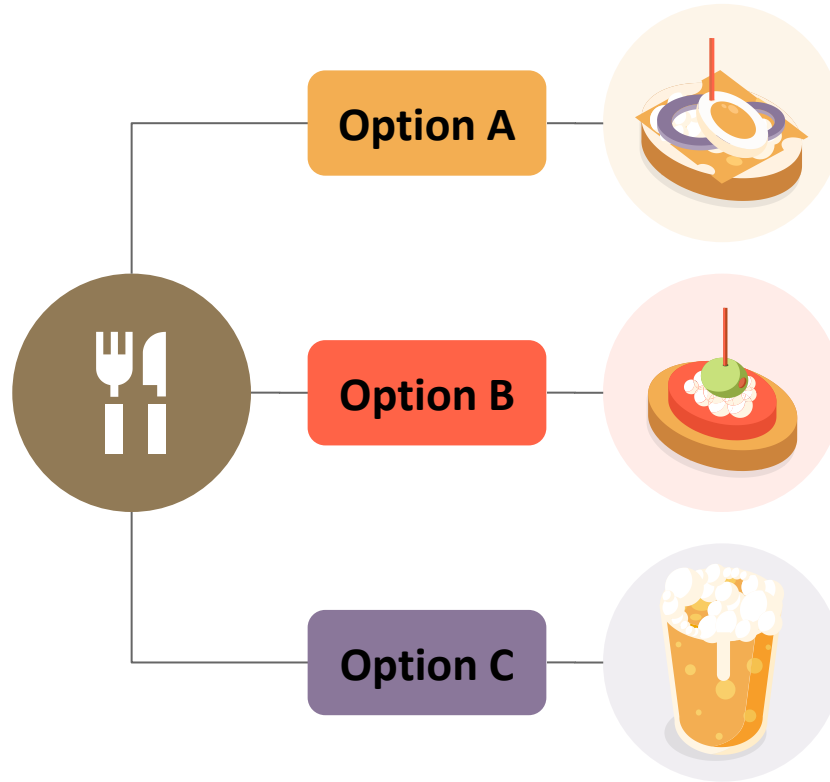


30 %

Which Better, Toronto or NYC?

Main Goal

The aim is to help stakeholders make decisions in different kinds of industrial, hotel, cuisines, and what the city has to offer so tourists around the world can choose their preferences depending on the experiences that either New York or Toronto offer and what would they want.



Data Acquisition and Cleaning

Toronto

- I scrapped the data from https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M
- I also use the dataset from [Geospatial_Coordinates.csv](#)
- I used Foursquare API Data for Toronto to get Latitude and Longitude
- The tor_data i had is containing Postal Code, but i don't need it so i can drop Postal Code column

NYC

- I downloaded json file from [NewYork.json](#)
- I used Foursquare API Data for NYC to get Latitude and Longitude

Toronto and NYC Data

	Borough	Neighborhood	Latitude	Longitude
0	Scarborough	Malvern, Rouge	43.806686	-79.194353
1	Scarborough	Rouge Hill, Port Union, Highland Creek	43.784535	-79.160497
2	Scarborough	Guildwood, Morningside, West Hill	43.763573	-79.188711

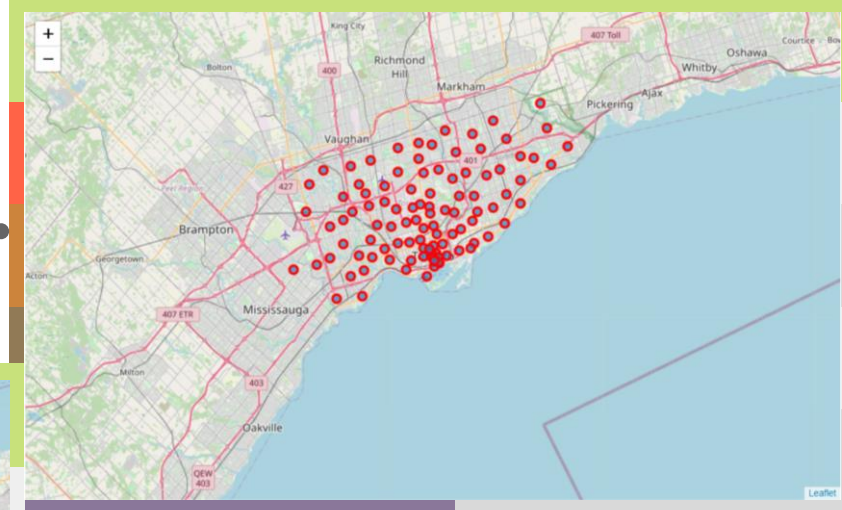
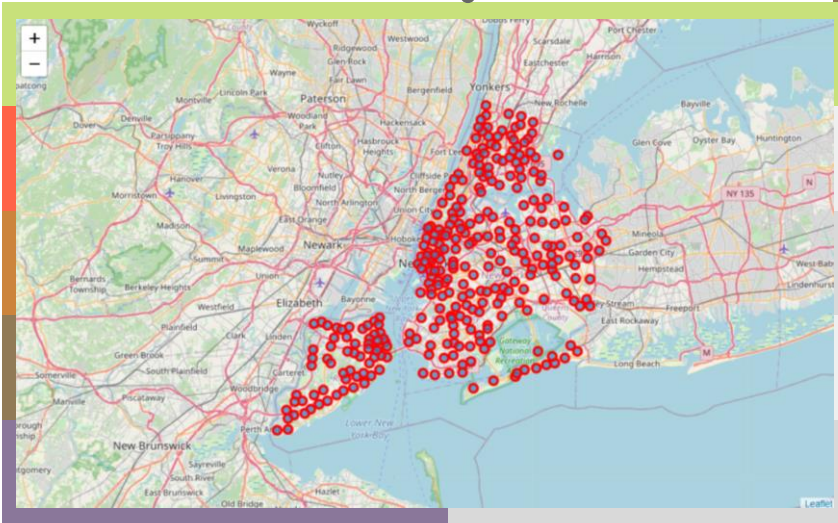
	Borough	Neighborhood	Latitude	Longitude
0	Bronx	Wakefield	40.894705	-73.847201
1	Bronx	Co-op City	40.874294	-73.829939
2	Bronx	Eastchester	40.887556	-73.827806
3	Bronx	Fieldston	40.895437	-73.905643
4	Bronx	Riverdale	40.890834	-73.912585

Toronto and NYC Neighborhood



Visualize

Visualizing Toronto and
NYC neighborhood
using Folium



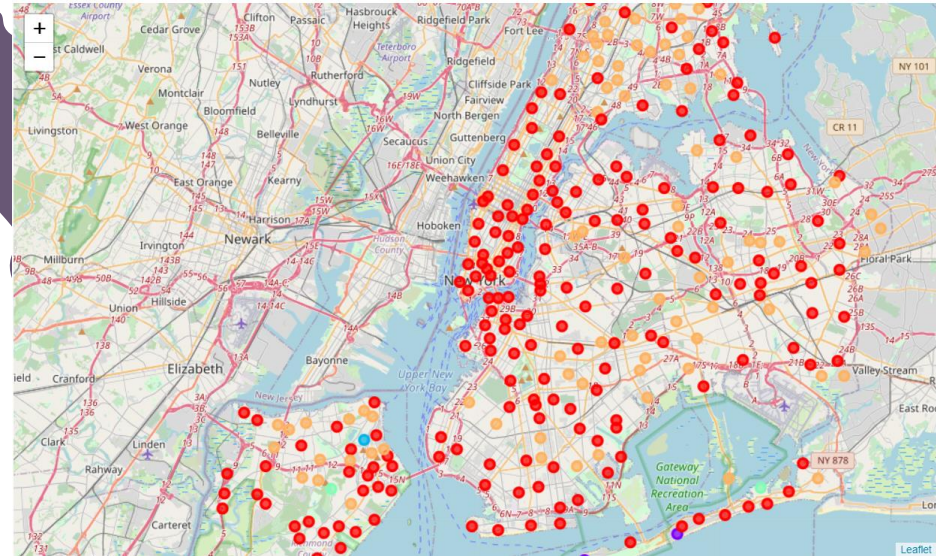
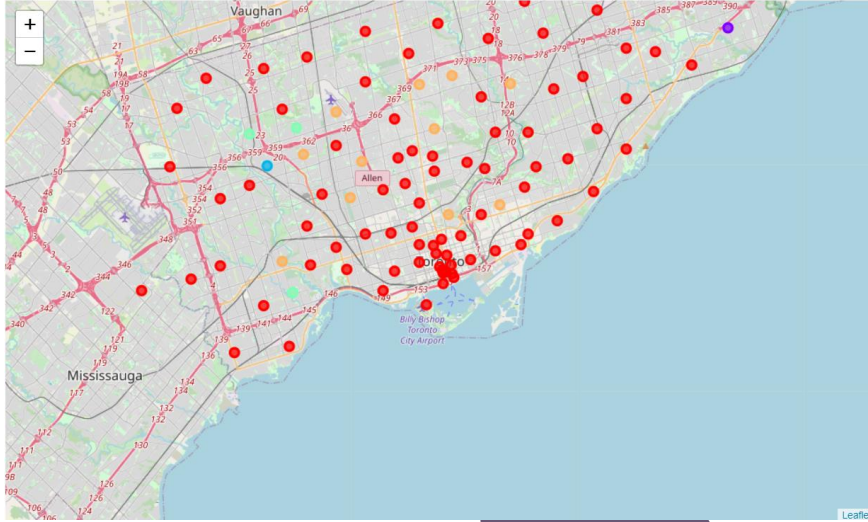
Clusterize the Data using KMeans

	Borough	Neighborhood	Latitude	Longitude	Cluster Labels	1st Most Common Venue	2nd Most Common Venue	3rd Most Common Venue	4th Most Common Venue	5th Most Common Venue
0	Scarborough	Malvern, Rouge	43.806686	-79.194353	0.0	Fast Food Restaurant	Print Shop	Mexican Restaurant	Molecular Gastronomy Restaurant	Modern European Restaurant
1	Scarborough	Rouge Hill, Port Union, Highland Creek	43.784535	-79.160497	1.0	Home Service	Bar	Mexican Restaurant	Molecular Gastronomy Restaurant	Modern European Restaurant
2	Scarborough	Guildwood, Morningside, West Hill	43.763573	-79.188711	0.0	Donut Shop	Medical Center	Breakfast Spot	Intersection	Restaurant
3	Scarborough	Woburn	43.770992	-79.216917	0.0	Coffee Shop	Korean BBQ Restaurant	Indian Restaurant	Middle Eastern Restaurant	Monument / Landmark
4	Scarborough	Cedarbrae	43.773136	-79.239476	0.0	Hakka Restaurant	Athletics & Sports	Lounge	Fried Chicken Joint	Bank

	Borough	Neighborhood	Latitude	Longitude	Cluster Labels	1st Most Common Venue	2nd Most Common Venue	3rd Most Common Venue	4th Most Common Venue	5th Most Common Venue
0	Bronx	Wakefield	40.894705	-73.847201	0.0	Pharmacy	Dessert Shop	Caribbean Restaurant	Donut Shop	Sandwich Place
1	Bronx	Co-op City	40.874294	-73.829939	4.0	Bus Station	Fast Food Restaurant	Donut Shop	Park	Salon / Barbershop
2	Bronx	Eastchester	40.887556	-73.827806	4.0	Bus Station	Caribbean Restaurant	Diner	Deli / Bodega	Food & Drink Shop
3	Bronx	Fieldston	40.895437	-73.905643	0.0	Bus Station	River	Music Venue	Plaza	ATM
4	Bronx	Riverdale	40.890834	-73.912585	0.0	Bus Station	Park	Baseball Field	Food Truck	Playground



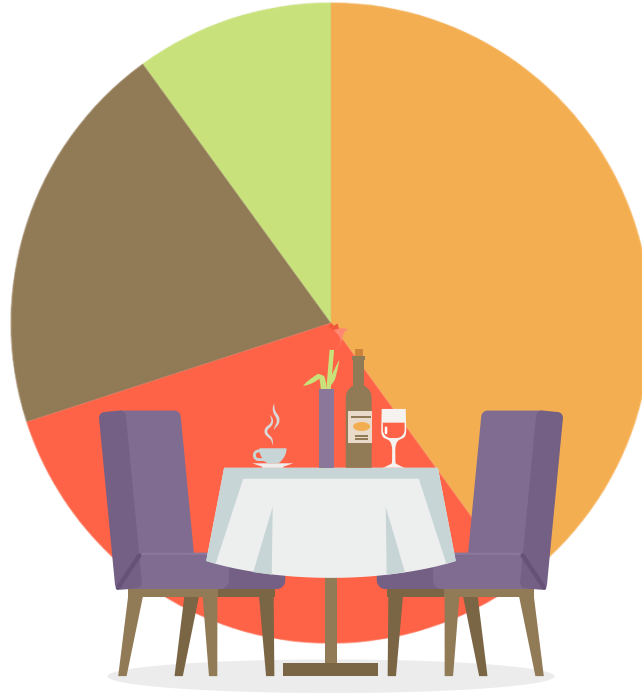
Clustered Map of Toronto and NYC Neighbourhood Venues



Conclusion and Discussion

Discussion

We can see from the table or the map that the neighborhood between New York and Toronto are much the same. From table we can see that most venues in neighborhood of New York and Toronto are restaurant, cafe, and shopping center. So the stakeholder can predict which business should they open.



Conclusion

The neighborhoods of New York and Toronto are very similar. You can see the most 2 cluster (red and orange) are dominating between other 3 cluster.