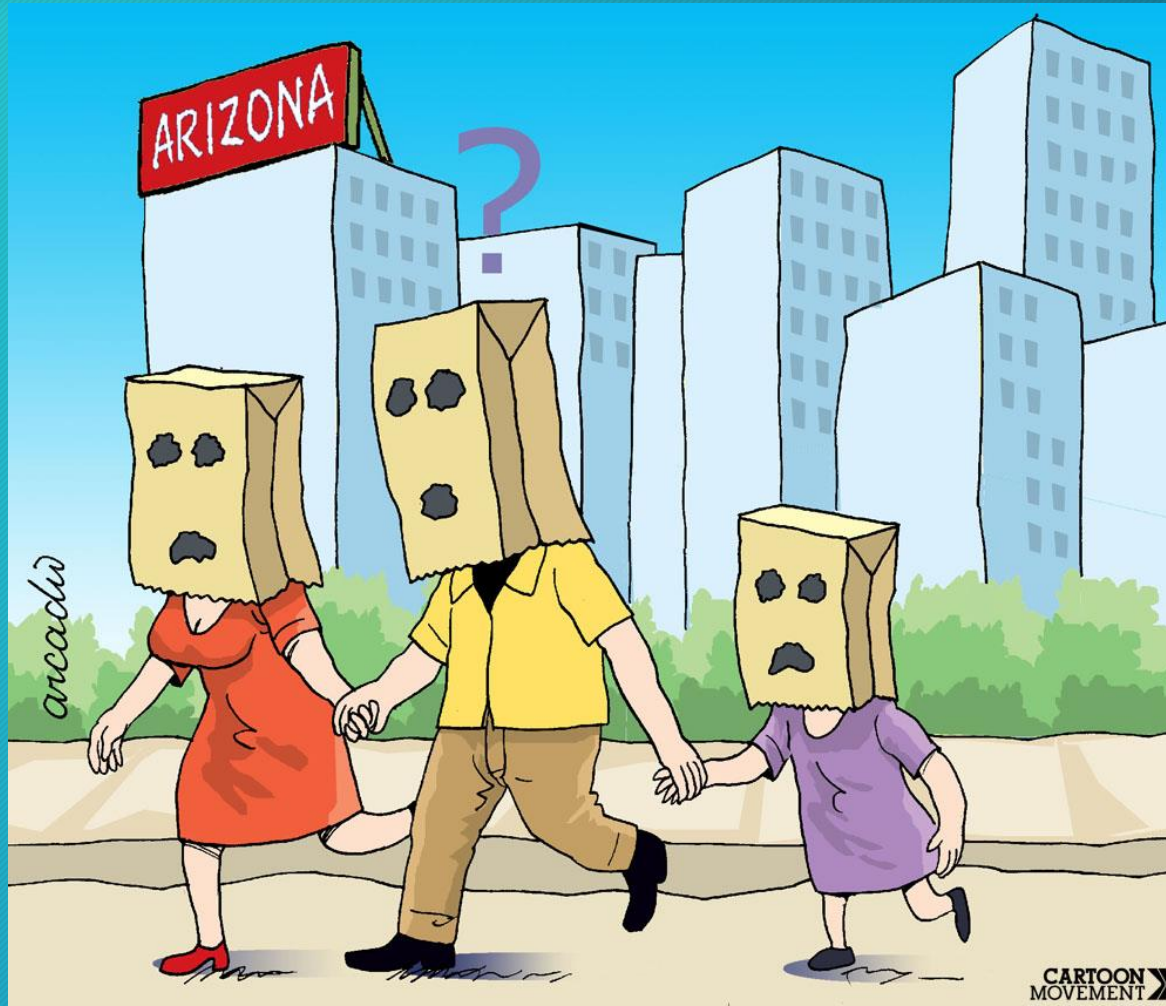


SIMILAR NEIGHBORHOODS IN NEW YORK AND TORONTO

Coursera Applied Data Science Capstone Project
Mahjube Chavoshi

Immigration, a hard task!



Toronto ↔ New York



DataFrames

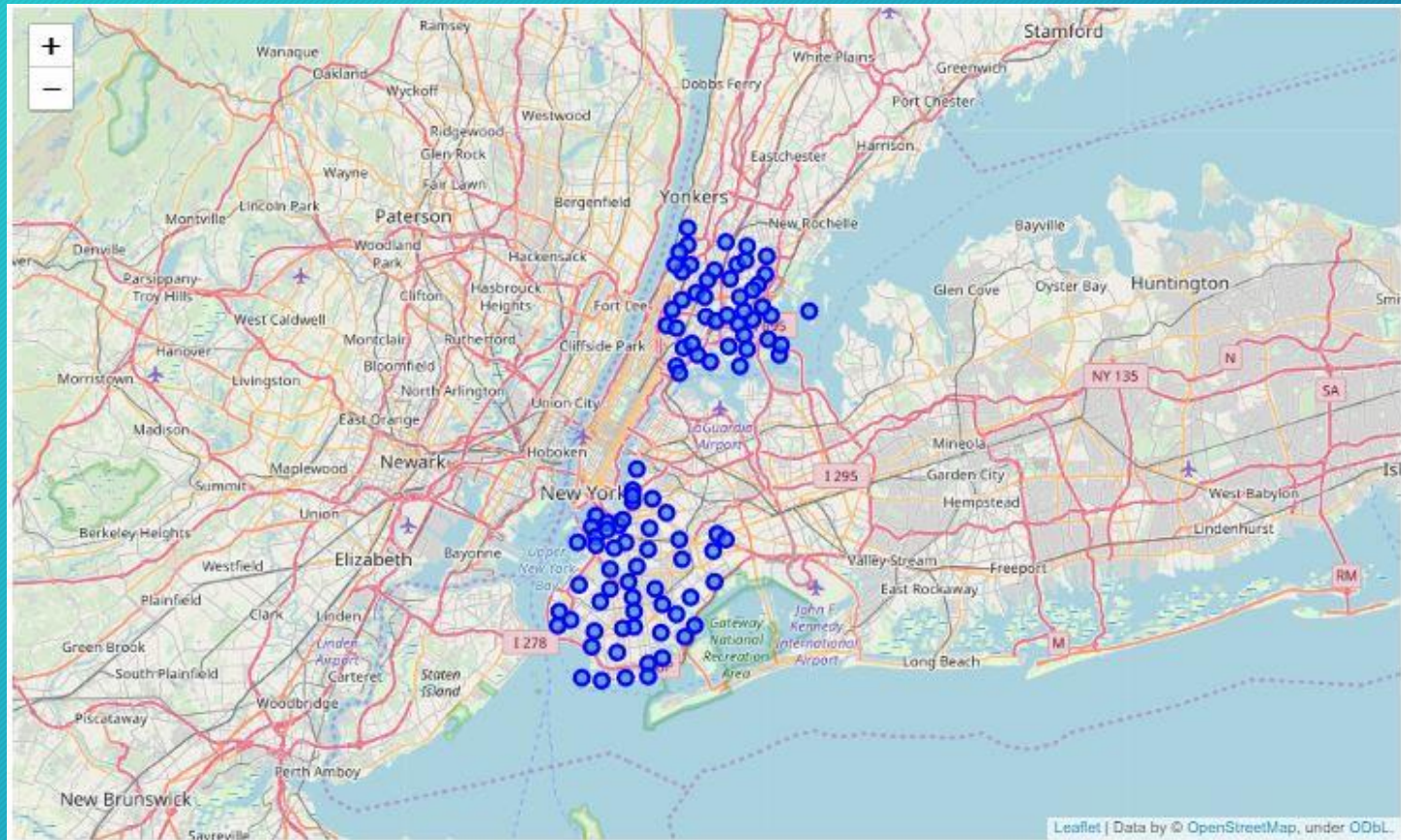
	District	Latitude	Longitude
0	Wakefield	40.894705	-73.847201
1	Co-op City	40.874294	-73.829939
2	Eastchester	40.887556	-73.827806
3	Fieldston	40.895437	-73.905643
4	Riverdale	40.890834	-73.912585

Nyc_df

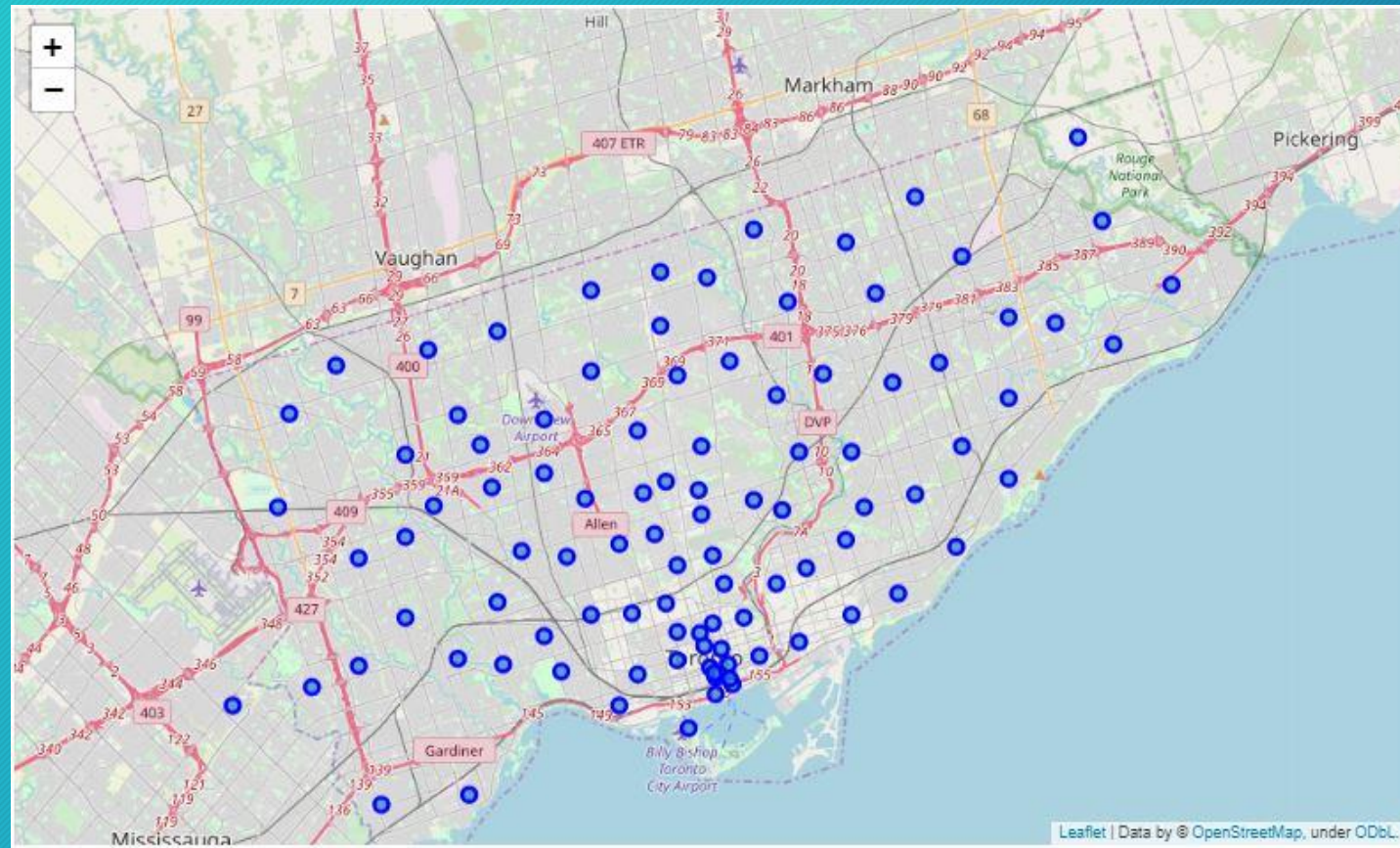
	Postcode	District	Latitude	Longitude
0	M3A	Parkwoods	43.753259	-79.329656
1	M4A	Victoria Village	43.725882	-79.315572
2	M5A	Harbourfront	43.654260	-79.360636
3	M6A	Lawrence Heights	43.718518	-79.464763
4	M7A	Not assigned	43.662301	-79.389494

tor_df

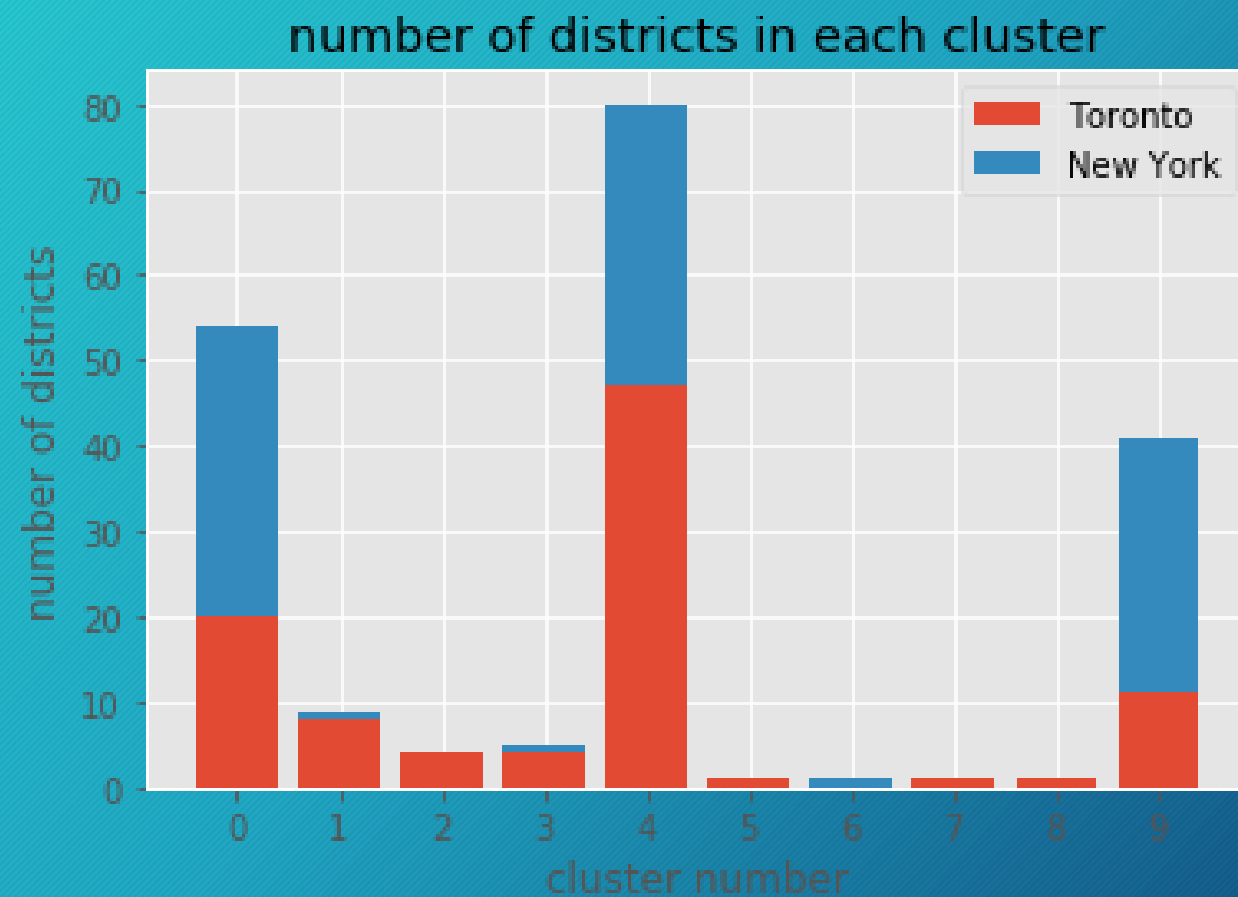
New York



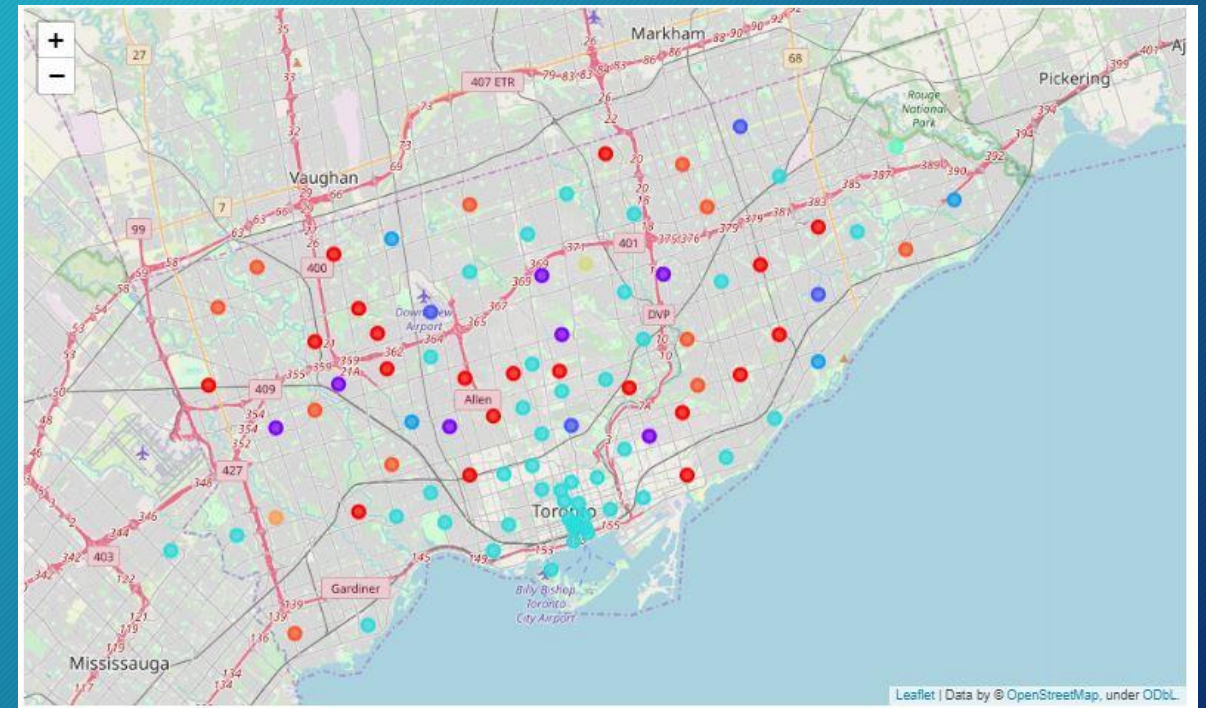
Toronto



Results



Results



Results

- A single cluster:

	Cluster Labels	1st Most Common Venue	2nd Most Common Venue	3rd Most Common Venue	4th Most Common Venue	5th Most Common Venue	6th Most Common Venue	7th Most Common Venue	8th Most Common Venue	9th Most Common Venue	10th Most Common Venue	City
District												
Cliffcrest	3	Motel	American Restaurant	Movie Theater	Yoga Studio	Dim Sum Restaurant	Falafel Restaurant	Event Space	Ethiopian Restaurant	Empanada Restaurant	Electronics Store	Toronto
Del Ray	3	Bar	Discount Store	Sandwich Place	Restaurant	Yoga Studio	Dessert Shop	Event Space	Ethiopian Restaurant	Empanada Restaurant	Electronics Store	Toronto
Highland Creek	3	Bar	Yoga Studio	Field	Farmers Market	Falafel Restaurant	Event Space	Ethiopian Restaurant	Empanada Restaurant	Electronics Store	Eastern European Restaurant	Toronto
Northwood Park	3	Caribbean Restaurant	Massage Studio	Metro Station	Coffee Shop	Miscellaneous Shop	Bar	Dim Sum Restaurant	Ethiopian Restaurant	Empanada Restaurant	Electronics Store	Toronto
Williamsbridge	3	Bakery	Nightclub	Caribbean Restaurant	Metro Station	Soup Place	Bar	Yoga Studio	Flea Market	Fish & Chips Shop	Fish Market	New York