



# TORONTO OR NEWYORK

BATTLE BETWEEN NEIGHBORHOODS



How one city is compare to another.. Can we do a comparative study between two different cities to see if there is a business exists in one city and what would be the ideal location to open the similar business in the other city.. Can we make this exercise more generic and unify the categories into specific buckets, so that the data can be used for any kind of business.. How about putting the categories into the following buckets for both the cities, so that Kmeans clustering can do a better job in putting similar categories into same bucket...



# TOP 5 NYC NEIGHBORHOOD WITH 10 FAVOURITE VENUES

	Neighbourhood Name	#1 Favourite	#2 Favourite	#3 Favourite	#4 Favourite	#5 Favourite	#6 Favourite	#7 Favourite	#8 Favourite	#9 Favourite	#10 Favourite
0	Allerton	FastFood (8)	Restaurant (6)	Shops (4)	Residential (3)	Services (3)	Travel (2)	Bar (0)	Business (0)	Entertainment (0)	Kids (0)
1	Annadale	Restaurant (4)	FastFood (2)	Residential (2)	Bar (1)	Entertainment (1)	Travel (1)	Business (0)	Kids (0)	Parks (0)	Indian Restaurant (0)
2	Arden Heights	FastFood (1)	Kids (1)	Residential (1)	Services (1)	Bar (0)	Business (0)	Entertainment (0)	Parks (0)	Restaurant (0)	Indian Restaurant (0)
3	Arlington	Residential (2)	Restaurant (2)	Travel (1)	Bar (0)	Business (0)	Entertainment (0)	FastFood (0)	Kids (0)	Parks (0)	Indian Restaurant (0)
4	Arrochar	Restaurant (7)	FastFood (5)	Travel (3)	Shops (2)	Kids (1)	Residential (1)	Bar (0)	Business (0)	Entertainment (0)	Parks (0)

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Adelaide, King, Richmond	Restaurant (31)	FastFood (27)	Bar (8)	Entertainment (6)	Residential (5)	Shops (5)	Travel (5)	Business (3)	SightSeeing (3)	Sports (3)
Agincourt	FastFood (1)	Kids (1)	Shops (1)	Travel (1)	Bar (0)	Business (0)	Entertainment (0)	Parks (0)	Residential (0)	Restaurant (0)
Agincourt North, L'Amoreaux East, Milliken, Steeles East	FastFood (1)	Kids (1)	Parks (1)	Bar (0)	Business (0)	Entertainment (0)	Residential (0)	Restaurant (0)	Indian Restaurant (0)	Services (0)
Albion Gardens, Beaumont Heights, Humbergate, Jamestown, Mount Olive, Silverstone, South Steeles, Thistletown	FastFood (5)	Residential (3)	Bar (1)	Restaurant (1)	Shops (1)	Business (0)	Entertainment (0)	Kids (0)	Parks (0)	Indian Restaurant (0)
Alderwood, Long Branch	FastFood (4)	Bar (1)	Kids (1)	Parks (1)	Residential (1)	Sports (1)	Business (0)	Entertainment (0)	Restaurant (0)	Indian Restaurant (0)



# WHAT'S OUR INITIAL IMPRESSION BY COMPARING THE TOP 10 VENUES

- Both the cities are having multiple restaurant options and best locations for Fast food restaurants
- Toronto has better residential options than NYC

# K-MEANS CLUSTERING – RESIDENTIAL AND COMMERCIAL GROUPING

Type	City	Neighborhood
Residential	NYC	Allerton,Annadale,Arden Heights,Arlington,Arrochar,Arverne,Astoria Heights,Auburndale,Bay Terrace,Baychester,Bayswater,Bedford Park,Bedford Stuyvesant,Beechhurst,Bellaire,Belle Harbor,Bellerose,Bensonhurst,Bergen Beach,Blissville,Bloomfield,Borough Park,Breezy Point,Briarwood,Brighton Beach,Broad Channel,Broadway Junction,Bronxdale,Brookville,Brownsville,Bulls Head,Butler Manor,Cambria Heights,Canarsie,Castle Hill,Castleton Corners,Central Harlem,Charleston,City Island,City Line,Claremont Village,Clason Point,Clifton,Co-op City,College Point,Concord,Concourse,Concourse Village,Coney Island,Corona,Country Club,Crown Heights,Cypress Hills,Ditmas Park,Dongan Hills,Douglaston,Dyker Heights,East Elmhurst,East Flatbush,East Harlem,East New York,East
Residential	TORONTO	Agincourt,Agincourt North, L'Amoreaux East, Milliken, Steeles East,Albion Gardens, Beaumond Heights, Humbertgate, Jamestown, Mount Olive, Silverstone, South Steeles, Thistletown,Alderwood, Long Branch,Bathurst Manor, Downsview North, Wilson Heights,Bayview Village,Bedford Park, Lawrence Manor East,Birch Cliff, Cliffside West,Bloordale Gardens, Eringate, Markland Wood, Old Burnhamthorpe,Brockton, Exhibition Place, Parkdale Village,Business Reply Mail Processing Centre 969 Eastern,CFB Toronto, Downsview East,CN Tower, Bathurst Quay, Island airport, Harbourfront West, King and Spadina, Railway Lands, South Niagara,Cabbagetown, St. James Town,Caledonia-Fairbanks,Canada Post Gateway Processing Centre,Cedarbrae,Christie,Clairlea, Golden Mile, Oakridge,Clarks Corners, Sullivan, Tam O'Shanter,Cliffcrest, Cliffside, Scarborough Village West,Cloverdale, Islington, Martin Grove, Princess Gardens, West Deane Park,Davisville,Davisville North,Deer Park, Forest Hill SE, Rathnelly, South Hill, Summerhill West,Del Ray, Keelesdale, Mount Dennis, Silverthorn,Don Mills North,Dorset Park, Scarborough Town Centre, Wexford Heights,Dovercourt Village, Dufferin,Downsview Central,Downsview Northwest,Downsview West,East Birchmount Park, Ionview, Kennedy Park,East Toronto,Emery, Humberlea,Fairview, Henry Farm, Oriole,Flemingdon Park, Don Mills South,Forest Hill North, Forest Hill West,Glencairn,Guildwood, Morningside, West Hill,Harbord, University of Toronto,Harbourfront, Regent Park,High Park, The Junction South,Highland Creek, Rouge Hill, Port Union,Hillcrest Village,Humber Bay Shores, Mimico South, New Toronto,Humber Bay, King's Mill Park, Kingsway Park South East, Mimico NE, Old Mill South, The Queensway East, Royal York South East, Sunnylea,Humber Summit,Humewood-Cedarvale,Islington Avenue,Kingsview Village, Martin Grove Gardens, Richview Gardens, St. Phillips,Kingsway Park South West, Mimico NW, The Queensway West, Royal York South West, South of Bloor,L'Amoreaux West, Steeles West,Lawrence Heights, Lawrence Manor,Lawrence Park,Leaside,Maple Leaf Park, North Park, Upwood Park,Maryvale, Wexford,Moore Park, Summerhill East,Newtonbrook, Willowdale,North Toronto West,Northwest,Northwood Park, York University,Parkdale, Roncesvalles,Parkwoods,Queen's Park,Rosedale,Roselawn,Rouge, Malvern,Runnymede, Swansea,Scarborough Village,Silver Hills, York Mills,Studio District,The Annex, North Midtown, Yorkville,The Beaches,The Beaches West, India Bazaar,The Danforth West, Riverdale,The Junction North, Runnymede,The Kingsway, Montgomery Road, Old Mill North,Thorncliffe Park,Upper Rouge,Victoria Village,Westmount,Weston,Willowdale South,Willowdale West,Woburn,Woodbine Gardens, Parkview Hill,Woodbine Heights,York Mills West
Commercial	NYC	Gardens,Chelsea,Chinatown,Civic Center,Clinton,Clinton Hill,Cobble Hill,Downtown,Dumbo,East Village,East Williamsburg,Elmhurst,Financial District,Flatiron,Flushing,Fordham,Fort Greene,Fort Hamilton,Gowanus,Gramercy,Greenpoint,Greenwich Village,Hamilton Heights,Hunters Point,Inwood,Jackson Heights,Kingsbridge,Lenox Hill,Lincoln Square,Little Italy,Little Neck,Long Island
Commercial	TORONTO	Adelaide, King, Richmond,Berczy Park,Central Bay Street,Chinatown, Grange Park, Kensington Market,Church and Wellesley,Commerce Court, Victoria Hotel,Design Exchange, Toronto Dominion Centre,First Canadian Place, Underground city,Harbourfront East, Toronto Islands, Union Station,Little Portugal, Trinity,Ryerson, Garden District,St. James Town,Stn A PO Boxes 25 The Esplanade

# CONCLUSION

## Conclusion:-

By looking at the data, NYC seems to be more commercial than Toronto Neighborhood as you can see multiple neighborhoods in Toronto are listed as Residential whereas NYC has got very few in this category which is true in nature. The objective of this exercise is achieved by putting these neighborhoods in similar buckets, so that further analysis can be carried out based on this data as mentioned in the discussion session.