

Data Description:

Chicago Community Area Data is a file with the 77 Chicago Community Areas that lists the population, size and Latitude and Longitude of each area.

Com_Area_D	Community_Area_Name	Population_2019	Area_sqm	Area_skm
1	Rogers Park	55,475	1.84	4.77
2	West Ridge	78,466	3.53	9.14
3	Uptown	58,979	2.32	6.01
4	Lincoln Square	42,103	2.56	6.63
5	North Center	35,543	2.05	5.31

density_per_sqm	Density_per_km	Coordinates	Latitude	Longitude
30,149.46	11,640.71	42°0.6'N 87°40.2'W	42°0.6'N	87°40.2'W
22,228.33	8,582.36	42°00'N 87°41.4'W	42°00'N	87°41.4'W
25,421.98	9,815.43	41°58.2'N 87°39.6'W	41°58.2'N	87°39.6'W
16,446.48	6,349.99	41°58.2'N 87°41.4'W	41°58.2'N	87°41.4'W
17,338.05	6,694.22	41°57'N 87°40.8'W	41°57'N	87°40.8'W

Postal Codes of Canada is a listing of all of the postal codes of Canada from which postal codes, boroughs and neighborhoods of Toronto will be obtained.

	PostalCode	Borough	Neighborhood
0	M3A	North York	Parkwoods
1	M4A	North York	Victoria Village
2	M5A	Downtown Toronto	Regent Park, Harbourfront
3	M6A	North York	Lawrence Manor, Lawrence Heights
4	M7A	Queen's Park	Ontario Provincial Government

Geospatial Coordinates file will provide the Latitude and Longitude of the Toronto Postal Codes.

	PostalCode	Borough	Neighborhood	Latitude	Longitude
0	M3A	North York	Parkwoods	43.75326	-79.329656
1	M4A	North York	Victoria Village	43.72588	-79.315572
2	M5A	Downtown Toronto	Regent Park, Harbourfront	43.65426	-79.360636
3	M6A	North York	Lawrence Manor, Lawrence Heights	43.71852	-79.464763
4	M7A	Queen's Park	Ontario Provincial Government	43.6623	-79.389494

Foursquare Venue data will provide information on venues for both Toronto and Chicago.

Analysis Process:

Chicago and Toronto geocoded community areas will be combined into a single master file.

This file will be matched against the foursquare venue data.

The neighborhoods will be clustered using K-means clustering.

The Toronto Postal Codes and encompassing neighborhoods that match the focus Chicago Community areas of:

Near North Side, Englewood, Wicker Park, Humbolt Park, Lincoln Park,
Archer Heights

The end result will be a set of candidate neighborhoods that will also be evaluated by other teams for suitability based on Demographics and Architecture/streetscape.