

Description of the data

To solve this problem, I'll first get the data on the neighborhoods of North York (Toronto): Borough, Latitude, Longitude. This data is available on Wikipedia, so with a simple script, I was able to access the data in tabular format. Below is the example of this dataframe.

The second step, with the help of the API of Foursquare, got the information of the best places of the neighborhood and its neighbors. With a new dataframe with the complete information, you're all set to cluster the entire dataset.

17	M2H	North York	Hillcrest Village	43.803762	-79.363452
18	M2J	North York	Fairview, Henry Farm, Oriole	43.778517	-79.346556
19	M2K	North York	Bayview Village	43.786947	-79.385975
20	M2L	North York	Silver Hills, York Mills	43.757490	-79.374714
21	M2M	North York	Newtonbrook, Willowdale	43.789053	-79.408493
22	M2N	North York	Willowdale South	43.770120	-79.408493
23	M2P	North York	York Mills West	43.752758	-79.400049
24	M2R	North York	Willowdale West	43.782736	-79.442259
25	M3A	North York	Parkwoods	43.753259	-79.329656
26	M3B	North York	Don Mills North	43.745906	-79.352188
27	M3C	North York	Flemingdon Park, Don Mills South	43.725900	-79.340923
28	M3H	North York	Bathurst Manor, Downsview North, Wilson Heights	43.754328	-79.442259
29	M3J	North York	Northwood Park, York University	43.767980	-79.487262
30	M3K	North York	CFB Toronto, Downsview East	43.737473	-79.464763
31	M3L	North York	Downsview West	43.739015	-79.506944
32	M3M	North York	Downsview Central	43.728496	-79.495697
33	M3N	North York	Downsview Northwest	43.761631	-79.520999
34	M4A	North York	Victoria Village	43.725882	-79.315572
35	M4B	East York	Woodbine Gardens, Parkview Hill	43.706397	-79.309937
36	M4C	East York	Woodbine Heights	43.695344	-79.318389
37	M4E	East Toronto	The Beaches	43.676357	-79.293031
38	M4G	East York	Leaside	43.709060	-79.363452
39	M4H	East York	Thornccliffe Park	43.705369	-79.349372
40	M4J	East York	East Toronto	43.685347	-79.338106