

Data Understanding

Since we want to evaluate the question of the ideal place to open a bar for each neighborhood in Toronto individually, it is important to get an overview of all neighborhoods. On Wikipedia there is an overview of all postal codes with the corresponding neighborhoods. We use this page to generate a complete list of all neighborhoods in Toronto.

As a second step, we use the API of Foursquare to get a list of restaurants and bars for each neighborhood. We would like to select neighborhoods with a high number of restaurants, as these also correlate with high foot traffic. On the other hand, there should be comparatively few bars in the neighborhood.

The number of restaurants and bars are then used to get a closer selection for suitable neighborhoods.

The dataset then contains a list of all neighborhoods with their coordinates and the number of restaurants and bars.

	PostalCode	Borough	Neighborhood	Latitude	Longitude	Restaurent Count	Bar Count
0	M5A	Downtown Toronto	Regent Park, Harbourfront	43.654260	-79.360636	24	12
1	M6A	North York	Lawrence Manor, Lawrence Heights	43.718518	-79.464763	3	1
2	M7A	Queen's Park	Ontario Provincial Government	43.662301	-79.389494	31	9
3	M3B	North York	Don Mills	43.745906	-79.352188	5	1
4	M4B	East York	Parkview Hill, Woodbine Gardens	43.706397	-79.309937	5	2