

# ----- Best Place for Groceries Warehouse -----

## Part – 2: Data

As the contractor already made his mind to build warehouse in Scarborough, so for this we will need the data of location coordinates of the Scarborough and its neighbourhoods. Data like latitudes and longitudes of Scarborough and its neighbourhoods.

Firstly, we will find the neighbourhoods of Scarborough using the list of Postal Codes.

Source for list of Postal codes : [https://en.wikipedia.org/wiki/List\\_of\\_postal\\_codes\\_of\\_Canada:\\_M](https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M)

This website consists of a table that contains all the postal code of Canada with Borough and Neighbourhoods.

So by using python we will extract the data of that table and clean it to make it ready to use.

Then we will get the geolocation data of all the Neighbourhoods in

“toronto\_m.geospatial\_data.csv” file from “[https://cocl.us/Geospatial\\_data](https://cocl.us/Geospatial_data)”.

This file contains Postal codes, latitudes and longitudes data.

We also need the information of all the venues in each neighbourhood, and that information we can find using ‘Foursquare’. Foursquare will provide almost every information about the venues in the neighbourhood.

**For example:** Postal Code, Neighbourhood name, Borough name, Venue Latitude, Venue Longitude, Venue Category, Venue Summary, Venue Distance, etc.

[Postal Code], [Neighbourhood name], [Borough name], [Venue Latitude], [Venue Longitude], [Venue Category], [Venue Summary], [Venue Distance]

[M1B], [Rouge, Malvern], [43.806686], [-79.194353], [Images Salon & Spa], [Spa], [This spot is popular], [595]