Data Section

Data Link: https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M

We will use Scarborough dataset from week 3. This dataset consists of latitude and longitude and zip codes.

Foursquare API: We will also need data about different venues in different neighbours of that specific borough. In order to that information, we will use Foursquare location information. Foursquare is a location data provider with information about all manner of venues and events within an area of interest. Such information includes venue names, locations, menus, and even photos. As such, the foursquare location platform will be used as the sole data source since all the stated required information can be obtained through the API.

After finding the list of neighbourhoods, we then connect to the Foursquare API to gather information about venues inside each and every neighbourhood. For each neighbourhood, we have chosen the radius to be 500 meters and the number of venues to be explored as 100.

The data retrieved from Foursquare contained information of venues within a specified distance of the longitude and latitude of the postcodes. The information obtained per venue as follows:

1. Neighbourhood.
2. Neighbourhood Latitude.
3. Neighbourhood Longitude.
4. Venue.
5. Name of the venue e.g., the name of a store or restaurant.
6. Venue Latitude.
7. Venue Longitude.
8. Venue Category.