# Data Description

We will use the Toronto postal codes  Dataset consisting of latitude and longitude, zip codes and available here: https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M

## Foursquare API Data:

For this project we will use data about different venues in different neighborhoods of that specific borough. In order to gain that information we will use "Foursquare" locational information that includes information as venue names, locations, menus and photos. After finding the list of neighborhoods, we then connect to the Foursquare API to gather information about venues in every neighborhood. For each neighborhood, we have chosen the radius to be 100 meters. Specifically, for each venue, the information obtained is:

1. Neighborhood
2. Neighborhood Latitude
3. Neighborhood 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

## Libraries Which are Used to Develop the Project:

· Pandas
· Folium
· Scikit Learn.
· JSON
· XML
· Geocoder
· Matplotlib