

# The Battle of Neighborhoods

## Data Description:

Data Link: [https://en.wikipedia.org/wiki/List\\_of\\_postal\\_codes\\_of\\_Canada:\\_M](https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M)

Will use Scarborough dataset which we scraped from Wikipedia in Week 3. Dataset consisting of latitude and longitude, zip codes.

## Foursquare API Data:

We will need facts about exclusive venues in distinct neighbourhoods of that precise borough. In order to gain those facts, we will use "Foursquare" locational facts. Foursquare is a vicinity data provider with information about all way of venues and events within a place of interest. Such records consist of venue names, locations, menus and even photos. As such, the foursquare area platform could be used as the sole facts supply considering all the stated required records may be obtained thru the API.

After locating the listing of neighbourhoods, we then hook up with the Foursquare API to gather statistics approximately venues inside each and every neighbourhood. For every neighbourhood, we've got chosen the radius to be 100 meters.

The information retrieved from Foursquare contained facts of venues within a designated distance of the longitude and range of the postcodes. The records obtained in step with the venue as follows:

1. Neighbourhood
2. Neighbourhood 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