

The Battle of Neighborhoods

Data Description:

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

We will use the Scarborough dataset, which we scrapped from Wikipedia on Week 3. Dataset consists of latitude and longitude, zip codes.

Foursquare API Data:

We will need data about different venues in different neighborhoods of that specific borough. To gain that information, we will use "Foursquare" locational 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. The foursquare location platform will be used as the sole data source since I can obtain all the required information through the API.

After finding the list of neighborhoods, we then connect to the Foursquare API to gather information about venues inside every area. For each community, we have chosen the radius to be 100 meters.

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. 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