

Capstone Project - The Battle of Neighborhoods (Week 1)

2. A description of the data and how it will be used to solve the problem.

First will start with the data of Toronto city that give information about the city and its neighborhoods from the Wikipedia web site (List of postal codes of Canada: M) (https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M).

This gives all the information about the neighborhoods present in Toronto, also the postal code, borough & the name of all the neighborhoods.

Also, using (http://cocl.us/Geospatial_data) a link to a CSV file that has the geographical coordinates of each postal code.

In addition, using the Wikipedia web (https://en.m.wikipedia.org/wiki/Demographics_of_Toronto#Ethnic_diversity) the "Demographics of Toronto" that used to find the neighborhoods that are densely populated of middle east/Arab people as it might be helpful in identifying the appropriate place to open this new business.

Also, the Wikipedia site (https://en.wikipedia.org/wiki/Arab_Canadians) shows the distribution of the Arab population of Canada that will help us to choose the right location.

Finally, using the Foursquare API (<https://developer.foursquare.com/docs>) that gives venue information such as names, categories, and locations (latitude and longitude).