**Best Neighbourhood Recommender system**

**Data :**

For this project we need the following data :

1. Data is scrapped from Wikipedia table and stored in dataframe.

Data source : https://en.wikipedia.org/wiki/List\_of\_postal\_codes\_of\_Canada:\_M

Description : Data contains three columns as below:

1. Postal Code : Postal code of the area
2. Borough : Name of the borough
3. Neighbourhood : Neighbourhood areas of the borough
4. Second dataset used is Geospatial\_Coordinates.csv which is provided in the course

This dataset contains latitude and longitudes of the different postal codes.

1. Third Data source used is foursquare API to get the venue details in neighbourhood.

Data source : Foursquare API : "https://developer.foursquare.com/"

Description : By using this API we will get all the venues and its details in each neighbourhood.

Example: We can get the venue details by passing latitude and longitude to the foursquare API.

**Final Dataset contains following columns:**

1. Postal Code : Postal code of the area
2. Neighbourhood : Neighbourhood areas of the borough
3. Neighbourhood latitude : latitude of neighbourhood
4. Neighbourhood longitude : longitude of neighbourhood
5. Venue : name of the venue
6. Venue summary : Summary of the venue
7. Venue category : category in which venue belongs
8. Distance : Distance of the venue from neighbourhood