Introduction: -

The aim of the project is to identify venues in Toronto, Canada based on their latitude and Longitude. In this notebook, we will identify various venues in the city of Toronto, Canada using Foursquare API to help property developers to select the location that suit them the best.

So, to decide which location is suitable for the shopping mall we required to identify factors such as location cost, it will be profitable or not and so many.

Business Problem: -

The objective of this IBM data science capstone project is to analyze and select the best location for opening a shopping mall in city of Toronto, Canada. So, for that we are using the data science methodology and machine learning technique such as clustering, this project provide solution to the business question.

Integrated Audience: -

This project is particularly useful to property developers and investors to open or invest in new shopping mall in the city of Toronto, Canada.

Data Discussion:

1. We will collect the list of neighborhoods in city of Toronto using the Wikipedia page(https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M)
2. Longitude and latitude coordinates of the neighborhood. This is required in order to plot the map and to get venue data.
3. Venue data related to shopping malls. We will use this data to perform clustering on the neighborhoods.