

Introduction/Business Problem

Introduction:

Toronto is a popular destination for new immigrants in Canada to reside. As a result, it is one of the most diverse and multicultural areas in the country, being home to various religious groups and places of worship. Although immigration has become a hot topic over the past few years with more governments seeking more restrictions on immigrants and refugees, the general trend of immigration into Canada has been one of on the rise.

Target Audience:

The aim of this project is to help people in exploring better facilities around their neighbourhood. It will help people making smart and efficient decision on selecting great neighbourhood out of numbers of other neighbourhoods in Toronto, Canada.

This Project aim to create an analysis of features for a people migrating to Toronto to search the best neighbourhood as a comparative analysis between neighbourhoods. The features include median housing price and better school according to ratings, crime rates of that area, road connectivity, weather conditions, good management for emergency, water resources both fresh and wastewater and excrement conveyed in sewers and recreational facilities.

It will help people to get awareness of the area and neighbourhood before moving to a new city, state, country or place for their work or to start a new fresh life.

Business Problem:

The main purpose of this project is to suggest a better neighborhood in a new city for the person who are moving there. The list of problems that this project aims to address is:

1. Which neighbourhoods are the best to live in the terms of convenience?
2. Which neighbourhoods lack the infrastructure facilities?
3. Which neighbourhoods have the potential for the development of infrastructure of different kinds?

Data description

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

The data will be scraped from the link above.

Foursquare API Data:

Foursquare API is a platform where which we will be using to gain data about different venues in different neighbourhoods. 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. As such, the foursquare location platform will be used as the sole data source since all the stated required information can be obtained through the API.

After finding the list of neighborhoods, we will then connect to the Foursquare API to gather information about venues in every neighbourhood.