

Capstone Project - Battle of the Neighborhoods

Introduction

This project will analyze neighborhoods between Toronto, Canada and New York City, United States. My family and I want to move abroad and we are considering these two options. We want insight into the neighborhoods and local businesses in the cities so that we may have the optimum living standards and quality of life. This project will explore the similarities and dissimilarities between certain neighborhoods in the two cities, and determine which neighborhoods best fit our needs.

Data

The data used for this project will be acquired from the respective cities Wikipedia website pages. The datasets consist of the postal codes, neighborhood names, latitude, and longitude information for each neighborhood. Foursquare API search feature will be used to collect neighborhood venue information. Details about local venues and locality will be provide insight into the qualities of a neighborhood. In addition to Foursquare, various python packages will be used to create maps and machine learning models to further provide insights into our neighborhood battle project.

The following websites will be used to acquire the datasets:

Toronto Neighborhoods -

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

Toronto Latitude and Longitude - http://cocl.us/Geospatial_data

New York City neighborhoods - https://geo.nyu.edu/catalog/nyu_2451_34572 New York

City Latitude and Longitude = Python Geolibrar