Capstone Project - The Battle of Neighborhoods

The Battle of Neighborhoods - Relocation Helper

Description of the problem & Background

It is often that people decide to move to another city due to a new job or maybe other reasons. Going through this process presents a list of challengers. One of these challenges is locating an area that we like. Even though the distance from the workplace would be a criteria, people would also consider culture to be an important criteria to reflect upon. Location culture could translate into local gatherings where people meet to eat, drink, etc. Therefore, this code helps people find an area cluster) in which they could be interested in based on "most common venues". In this case we have chosen two cities that we have worked with before: New York city and Toronto.

A description of the data

New York City and Toronto datasets including Boroughs, Neighborhoods, Latitude, and Longitude.

New York data source: https://cocl.us/new_york_dataset

Toronto data source: https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M

Foursquare API is used to get the most common venues for each city

Clusters are created for each city showing the most common venues in each cluster.