Background

Canada has one of the highest immigration rates per capita amongst developed nations. Toronto is one of the most multicultural cities in the world, and is listed as one of the leading technology job markets. Toronto is known to have one of the strongest economies of all the Canadian cities with job opportunities across a variety of fields. Its diverse population has made it a melting pot of cultures and cuisines which serves to attract new immigrants. Like other Canadian cities, all citizens and permanent residents have access to universal healthcare.

John is a budding Data Analyst, however there are not many job offerings for him in Jamaica. In searching for jobs globally, he has seen many opportunities in Toronto. Consequently, he has decided to migrate to Toronto with his family. His wife is a chef and is interested in opening a Jamaican restaurant. In preparing for the move, they would like to find a neighbourhood with a high Caribbean population to make the transition easier on his family and provide possible locations to open a Jamaican restaurant.

Problem

This project aims to explore neighbourhoods in Toronto and determine the neighbourhoods with high Caribbean populations.

Interest

This project categorises neighbourhoods based on ethnicity, this can assist persons who want to find neighbourhoods similar to their ethnicity either to live or for business prospects.

Data

1. List of Toronto neighbourhoods : "List of Postal code of Canada: M"
   (https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M)
2. Geographical Coordinates of the neighbourhoods : http://cocl.us/Geospatial_data
3. Ethnicity population : "Demographics of Toronto"
   (https://en.m.wikipedia.org/wiki/Demographics_of_Toronto#Ethnic_diversity)
4. Venues for each neighbourhood : Foursquare's explore API