CapStone Project:
Battle of the Neighborhoods

By Lspdbe

https://github.com/lspdbe/Coursera_Capstone/

Introduction:

This project will analyze neighborhoods between Toronto and New York City. A company is looking to move its headquarters to either of both. The company wants insight into the neighborhoods and local businesses in the cities so that its employees may have the best possible living standards. This project will explore the similarities and differences between certain neighborhoods in the two cities, and determine which neighborhoods best fit the culture of the company.

Data:

The data used in this project will be acquired from Wikipedia for Toronto, and from the NYU website for New York. Data includes postal codes, neighbourhood names, and coordinates. Foursquare API feature will be used to collect venue information for each neighbourhood. With details about each venue, insights can be generated regarding their quality. Also, various python packages will be used to create maps and machine learning models to further provide insights into this project.

Toronto:

https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M → Toronto Neighborhoods

http://cocl.us/Geospatial_data → Toronto coordinates

https://geo.nyu.edu/catalog/nyu_2451_34572 → NY Neighborhoods

Python Geolibrary → NY Coordinates