Exploring the cities on New York and Toronto

Raju Kalidindi

Background and Description of the problem: I am a software engineer working for a major bank in Minneapolis, Minnesota USA. I am currently looking for Data Engineer positions and have attended a few interviews from clients at New York City and Toronto. I currently live close to Minneapolis downtown and enjoy many amenities and venues in Minneapolis. As a regular practitioner of yoga and meditation, it is important for me to relocate to neighborhoods that have these facilities to help me to continue with my interests. I would like to relocate to a city, which has similar or better facilities than Minneapolis. Since I am close to getting offers from clients located in New York and Toronto, I would like to use the skills gained in this course to compare the different venues and amenities in New York and Toronto cities.

Description of the data that will be used to solve the problem: Data for New York city will be downloaded from https://cocl.us/new_york_dataset. Data for Toronto postal codes will be downloaded from https://data.mongabay.com/igapo/toronto_zip_codes.htm. For the venues and amenities in Toronto, we will utilize Foursquare application. We will use data wrangling and k-Means clustering to explore the data for the two cities.