

Peer-graded Assignment

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1 Introduction

Cities are getting larger and larger and are playing an important role in modern people's lives. It is worthwhile to investigate the similarity of big cities and to find the common characteristics of them. By this way, we can make use of such similarity to solve various business problem.

In this project, I will study two representative cities, New York City and City of Toronto. As big cities, both of them are multicultural and are financial capitals of their respective countries. My goal is to study how similar their neighborhoods are and try to find latent factors behind the similarity.

This project will provide clients who plan to invest big cities with an reliable and accurate reference. For example, audiences who are going to open a new Italian restaurant in City of Toronto can refer the results of project. Based on neighborhoods in New York City where Italian restaurants are popular with, and the similarity between these neighborhoods and neighborhoods in City of Toronto, they can locate an appropriate neighborhood in City of Toronto to open the Italian restaurant.