

Identifying common patterns and difference between neighborhoods belonging to New York City and Toronto.

Introduction

This report show the result of an investigation aimed to investigate on how similar the cities of New York and Toronto are. The aim is to use Foursquare location data and clustering techniques to investigate on which are the most similar neighborhoods between the two cities and, if there are “unique” neighborhoods that do not have an equivalent neighbors in the other city. Another objective is to identify which characteristics are the most prominent ones in differentiating between neighborhoods. This can have many applications especially if it is possible to identify some basic categories on which to identify the neighborhoods of every city. For example, a family that has to move from one city to the other will be able which neighborhoods is similar to their original neighborhood.