

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

## **Data**

Two datasets are involved for this investigation, one for each city. Each dataset contains the each city neighborhoods and its coordinates. Foursquare location data can be used to extract the various venues in each neighborhood and their category. Once the venues categories have been extracted they can be used to study the differences among the various neighborhoods and the characteristics they have in common. Clustering techniques can then help understanding the relationship between the two cities in terms of which neighborhoods are similar and why.