

Data Section

In answering the problem statement at hand, we will be pulling data from our previous course labs in order to get the dataset for the neighborhoods of both New York city and Toronto. We will process these into usable data frames as well as intend to leverage the Foursquare API to further explore the datasets for these two cities. The datasets will include information about their surrounding neighborhoods i.e hotels, cafes, coffee shops, restaurants, museums, theaters, etc. To narrow down our search specifically which neighborhood would be appropriate to live in/migrate to, we will focus our analysis towards the island of Manhattan and Downtown Toronto to cluster and segmentize the neighborhoods. Based on the vicinity of common venues, we will compare each neighborhood in Manhattan and Downtown Toronto to help situate what would be the most ideal city to live in and ultimately, which neighborhood would be best in each city. Essentially, we will additionally be able to distinguish what the level of similarities there are between these two cities.