

Discussion of the Background

The aim of the report is to answer the questions from both home buyer or an investor if they want to buy or invest a home in a neighborhood. If, a home buyer or investor wishes to buy a home in a neighborhood which is located in the city center, which neighborhood is categorized in the city center or which neighborhood is located at the outer part of the city center. This report not only could address the issue above, it could potentially act as an indicator or a proxy to measure the relative average housing price between the 'clusters' of neighborhoods.

We will be using the frequency of occurrence of types of retail store within a neighborhood as a characteristic for clustering.

Description of the data

The information of each neighborhood in Toronto will be obtained from Wikipedia and readily available Geocode package and the FourSquare data to explore the retail stores that are located in each neighborhood. Web scrapping technique of BeautifulSoup will be used to extract the data from Wikipedia of list of neighborhoods and API to explore the retail stores in each neighborhood.