

2. Data

Primarily, three data sets have been used to conduct the analysis, and arrive at a possible solution. They are as enumerated below:

1. The Wikipedia webpage:

https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M

has been used to create a data frame that classifies Neighborhoods in Toronto with respect to their Boroughs and Postal Codes. This is primarily required to determine the locations and addresses of various neighborhoods.

2. The Geospatial Data from

https://cocl.us/Geospatial_data

has been used to get the latitude and longitude co-ordinates of the neighbourhoods in Toronto based on their postal codes. A data frame was created, which was later merged with data frame mentioned in point 1 above to form comprehensive location data.

3. Location Information from Foursquare was obtained with an API call:

<https://api.foursquare.com/v2/venues/>,

with venue category as '4bf58dd8d48988d175941735', which represents Gyms and Fitness Centres, and various sub categories.