Battle of Neighborhoods:

Business Problem:

Toronto is one of the largest cities and the financial hub in Canada and it is often compared with New York. Toronto is highly populated and open to new business always which interested my client in starting his own restaurant. Toronto is highly diversified, but still American cuisine is the most popular. In this project we will explore the neighborhoods of Toronto, perform analysis and recommend a best neighborhood to start a new American restaurant.

Data:

Geographical Data:

Using python geopy library to get the coordinated of the location.

Toronto Data:

Data Source: I will use the "https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M" to identify the neighborhoods of Toronto for further analysis in this project.

Existing restaurant data:

Data Source: Foursquare API, which will provide us with all the existing venues of each neighborhood.

Analysis Methodology:

Scrape the data from the Wikipedia page.

Create a data frame with the scraped data defining the neighborhoods.

Using geopy library get the coordinates of each neighborhood

From foursquare API get the venues details of each neighborhood including rating and category.