Capstone Project – The Battle of Neighborhoods

Problem Statement :

- A hotel management guy wants to open an Italian restaurant in Canada where he used to live.
- His house is situated in city of Toronto but the area of range he is looking to open the restaurant is located within the city of Toronto in the province of Ontario
- So our problem statement is we have to evaluate all the data and location of Italian restaurants located in all the neighborhoods and take a valuable decision where should he open his Italian restaurant.
- **Target audience** : The target audience for this model will be that enthusiasts who are willing to open a restaurant of a specific kind, so in which location he/she should place his/her business so that he/she will gain more profit and less competition.

Data we use :

- We firstly collect all the data about neighborhoods around the given area of Canada or where he is willing to open his restaurant.
- https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M => This link provide us all the list of Borough and their specific neighborhoods with their postal codes to where we apply our model
- We apply our algorithm to explore the each venue with the Italian things and find the number of Italian places located there.
- Then we segregate the venues where there are least number of Italian restaurants so that there is less competition.
- Then we play with the ratings of the different groups of Italian restaurants.
- On the basis of number of Italian restaurants and ratings, we decide what is the best venue to place the restaurant.