**Appropriate Location for a New Restaurant**

1. **Introduction**

Toronto is a multicultural city and also financial capital for 10th largest economy in the world i.e. Canada. One of my client wants to open a new restaurant in city of Toronto, Canada. I am being a consultant to my client have to provide him few viable location for the restaurant and also the type of restaurant.

1. **Business Problem**

My client is more concerned about the location of the restaurant. As Toronto being a multicultural city. It is full of restaurants serving cuisines from all over the world. Toronto also has many neighbourhoods, 103 to be exact. Using Data Analysis it is my job to find a viable location, where competition would be less and there should be scope for growth and reputation. I have to decide in which neighbourhood my client should open a restaurant and which cuisines can be served in restaurant in order to capture likely customers or which cuisine type restaurant is missing in that neighbourhood.

1. **Data Requirment**

First of all Toronto neighbourhood data can be collected from Wikipedia including Postal Code and Name of the Neighbourhood. Then i will be using Geocoder to fetch latitude and longitude values for Toronto Neighbourhoods. As we are already aware of the Foursquare api. I will use foursquare api to fetch maximum number of the venues around all the neighbourhoods. Later analysis can be done on all type of venues and cuisine types to determine the probability of opening a restaurant.