# Coursera Capstone Project - Location to open Restaurant

Aim: Business Problem

Find the best location to open a new restaurant in Toronto. This will help people who are planning to start a business.

Data Source:

* **Foursquare API** can be used to get the location data
* **Wikipedia** for neighbourhoods and postal code.

Analysis

We will first start with locating areas in Toronto that have low density of Restaurants around the center of the city of Toronto. Next, we will analyze the density of availability of Restaurants in the different regions of Toronto.

Then finally, we will pick the best areas within the group of locations chosen. We have to make sure there are not many Restaurants close by. We will use k-means clustering of those Restaurants locations to get the whereabouts of the final location of choice.

Based on our analysis, we were able to find good locations where the density of availability of Restaurants is quite low. Using k-means clustering, we created zones where the opening of a Retaurants was best suited.