- **Introduction**

  Comparison between the two cities NYC and Toronto. It is to figure out which are the preferred locations around the city to open a new restaurant and what kind of restaurant, based on the popularity of cuisine. Here we compare the two biggest of their countries NYC, USA and Toronto, CA. Purpose to compare these two cities is to figure out which cuisine makes a next impression in these cities and what parameters can be consider to make a decision to choose which type of restaurant or a food business can make a count.

- **Data**

  Data availability, current available data about the NYC and Toronto can be used to figure out which areas preferred which cuisines. Using Foursquare location service we can figure out which location has the restaurants of specific cuisine. For both the cities data is We've data about NYC and Toronto neighborhoods. We would be using the neighborhoods and their co-ordinates to get the details about how venues are placed around these neighborhoods and which food drives these areas. We would be using Foursquare location service to determine how venues are placed. For example we would be considering Manhattan borough from NYC and for boroughs having Toronto word from Toronto city. Co-ordinates of these locations would be used to find out the venues around them using Four-square services.
  Source of our data is as follows,

  > For Toronto data we considered data from wiki page https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M which gives us details about list of postal codes,
  > For NYC, data was downloaded from https://cocl.us/new_york_dataset site.

- **Methodology**

  In this project we will direct our efforts on detecting areas of NYC and Toronto to figure out the most common venues in both these cities. In first step we have collected the required data which consist of borough within these cities and their respective co-ordinates. Second step in our analysis will explore the various venues around the location of these cities, we will use maps to identify a few promising areas focus our attention on those areas. In third and final step we will focus on most promising areas and within those create clusters of locations that meet some basic requirements discussed in the interest of the stakeholders. We will present map of all such locations but also create clusters (using k-means clustering) of those locations to identify what are the venues which attracts more audience here and which city is better than other for what kind of investment.

- **Results**

  Although our analysis based on clustering shows that both the cities have many popular venues and have good amount of potential for an investor to start a new flavor in the city. From our analysis it is clear that though Toronto has many places one may interests in but from all the data clusters it is observed that it has places more popular like parks, gardens or a music venue.
  On contrary NYC is pro-foodie and we can clearly see that it has number of restaurants as most popular venues and definitely interests someone who wants to invest in food/restaurant business.

Among all it is observed that Mexican Food is really popular around Manhattan, NYC. Next to that is Italian Food which has its own impression on NYC along with Pizza places.

- **Conclusion**

  Purpose of this project was to compare Toronto, CA and NYC, USA and two figure what characteristics these cities have and which venues can be point of an interest for an investor. Based on the analysis and discussion it is very much clear that NYC has more potential for an investment for food/restaurant business. Again, it depends on an investor what choice his makes but if anyone who's interested to invest in opening a restaurant in NYC may consider the popular cuisines line Mexican or Italian. Again, it varies type of investment as it gives an option for an up-scale or an average restaurant.