**Peer-graded Assignment: Restaurant Capstone (Week 1)**

# INTRODUCTION

## Description of the Project

Toronto is the capital city of the Canadian province of Ontario. With a recorded population of 2,731,571, it is the most populous city in Canada and the fourth most populous city in North America. The city is the anchor of the Golden Horseshoe, an urban agglomeration of 9,245,438 people (as of 2016) surrounding the western end of Lake Ontario, while the Greater Toronto Area (GTA) proper had a 2016 population of 6,417,516. Toronto is an international centre of business, finance, arts, and culture, and is recognized as one of the most multicultural and cosmopolitan cities in the world.

According to the United Nations Development Programme, Toronto has the second-highest percentage of constant foreign-born population among world cities, after Miami, Florida. While Miami's foreign-born population has traditionally consisted primarily of Cubans and other Latin Americans, no single nationality or culture dominates Toronto's immigrant population, placing it among the most diverse cities in the world. In 2010, it was estimated over 100,000 immigrants arrive in the Greater Toronto Area each year.

In this project we will try to analyse all the **Indian Restaurants** currently present in Toronto's different neighbourhood and find top Indian Restaurant’s based on popularity from its Likes, rating, tips etc and will able to provide an final result/analysis at the end of this project.

# BUSINESS PROBLEM

The objective is to find a suitable location(s) to open an Indian Restaurant in Toronto City, Ontario, Canada. This project makes use of various Data Science and Machine Learning methodologies (K-means Clustering) to provide a Solution to the client.

The project aims to provide a Solution to the Question: ‘**Where should you consider opening an Indian Restaurant in Toronto City?’**

# TARGET AUDIENCE

1. Business personnel who wants to invest or open an Indian restaurant.
2. Budding Data Scientists, who want to refer the analysis for educational purposes.
3. Visitors that are looking to find the best Indian restaurants within Toronto to enjoy their meal.