***1.0 Introduction / Business problem***

With over 250 ethnicities and 170 languages presented, Toronto has always been considered one of the most diverse multicultural cities. Out of those backgrounds, The Filipino community comes in third place behind China and India among the largest minorities in Canada according to 2016 census with about 27% growth since 2011 compared to the rest. Its estimated that this immigration trend will only move upward with the majority of the Filipino community residing in Toronto (62 %), consequently such increasing flow of settling requires an equivalent increase in services and amenities ( ex . Restaurants) .

Thus, this paper will utilize the foursquare API along with machine learning techniques (K-mean Clustering) to explore & analyze the different neighborhoods of Toronto. It will determine the most optimum location to open a Filipino restaurant that will serve a bigger audience and hence stand as a profitable choice.

This project will be mainly aimed at the following:

1. Existing Filipino Restaurants owners who are willing to expand their restaurants to new neighborhoods and enhance their reach.
2. Entrepreneurs of the Filipino community hoping to start a new venture in Toronto.
3. Foodies/ Tourists interested in finding neighborhoods with Filipino cuisines.
4. Filipino Newcomers/Residents who are considering to relocate to Toronto.