**Coursera Capstone**

**IBM Data Science**

**Opening a new restaurant in Chicago**

**By: Numan Talha Ayhan**

**December 2020**

* **Introduction:**
  + When thought of Downtown Toronto we think of luxurious restaurants. From fast food to dine in Chicago is blessed with many different Cuisines.
* **Business Problem:**
  + The objective of this capstone project is to analyze and select the best locations to build a restaurant, while also trying to figure out what the top 3 cuisines are to consider. Using python with pandas and machine learning tools we will look into this question more deeply.
* **Target Segment:**
  + Target audience is franchise owners or those who are interested in opening up a restaurant in the city of Toronto.
* **Data:**
  + List of neighborhoods in Toronto
  + Latitude and Longitude coordinates
  + Venue data
* **Sources of data ad methods to extract them**:
  + Wikipedia page [https://en.wikipedia.org/wiki/List\_of\_postal\_codes\_of\_Canada:\_M,](https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M) this data was collected in capstone project week 3, so we will continue to use data,
  + Foursquare API to receive information on venues.