

# Capstone Project - The Battle of the Neighborhoods

## Applied Data Science Capstone by IBM/Coursera

### Introduction: Business Problem

This project is to identify the best location for a Korean restaurant in Toronto, targeting for aspirational stakeholders that are interested to open a Korean cuisine restaurant in Toronto.

There may not be many Asian restaurant in Toronto, and specifically for Korean cuisine. However we will try to detect potential locations that are not too crowded with restaurants and with no Korean restaurant in vicinity.

We will use data science methods and tools to assess of these criteria to answer the stated problem.

### Data and Extraction Method

To solve this problem, we will be using the following data and extraction method in italics:

1. List of neighborhoods in Toronto, Canada  
*To be scrap from Toronto neighborhoods via Wikipedia*
2. Latitude and Longitude of these neighborhoods  
*To be obtained via Geocoder package*
3. Number of restaurants and their type and location in every neighborhood  
*To be obtained via Foursquare API*