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Battle of the neighborhoods

# **Introduction/Business Problem**

We are looking to open a restaurant in Toronto, the goal is to maximize business profits. The Chef is a keen Indian Chef but is also capable of cooking other cuisines.

Using Data Analysis, we will try to find the answers to the following questions:

* When neighborhoods are the best to open an Indian restaurant?
* Is opening an Indian the best option in Toronto?
* If not, Indian which other cuisines are famous and bound to earn a better profit?
* Are Restaurants famous in a concentrated neighborhood or are they distributed?

# Approach

* We will first retrieve the neighborhoods of Toronto and get the most famous venues in each neighborhood.
* Then we filter the venues to just restaurants
* We group neighborhoods by unsupervised clustering to check if there is any underlying pattern in the distribution of the restaurants.
* We will analyse which are the most famous cuisines in Toronto and where they are located.
* We will analyse the distribution of Indian restaurants across Toronto.
* We will analyse the number of famous Indian restaurants all around Toronto.
* Using this information, we will reach a conclusion on the questions described above.