

# Capstone Project – The Battle of the Neighborhoods

## Data

### Applied Data Science Capstone by IBM/Coursera

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We decided to use regularly spaced grid of locations, surrounding city center, to define our neighborhoods.

#### Following data sources were used:

- List of neighborhoods in Toronto, Ontario, Canada
- Latitude and Longitude of these neighborhoods
- Number of restaurants and their type and location in every neighborhood will be obtained using Foursquare API

#### Extract/generation of required information was performed:

- Scrapping of Toronto neighborhoods via Wikipedia

[https://en.wikipedia.org/wiki/List\\_of\\_postal\\_codes\\_of\\_Canada:\\_M](https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M)

- Getting Latitude and Longitude data of these neighborhoods via Geocoder package
- Using Foursquare API to get venue data related to these neighborhoods