IBM Professional Certificate in Data Science Capstone

# Relocation Recommendation system based on Neighborhood similarity

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## 2  DATA

### 2.1  FOURSQUARE PLACES API

FOURSQUARE   is a social location service that allows users to explore the world around them. Users can download the Foursquare application to their iPhone, Blackberry, or Android phone and sign up for free, then connect their Foursquare accounts to their other social media accounts.

THE FOURSQUARE API    allows application developers to interact with the Foursquare platform. The API itself is a RESTful set of addresses to which you can send requests and ger responses. The API allows querying places and users, exploring popular places, and checking out reviews and photographs for these places.

   In this project we will be using Foursquare Places API to identify the most popular venues for each neighborhood.  This is possible by the use of a explore call that returns a list of recommended locations in a specified area.

### 2.2  OTHER DATA SOURCES

NEW YORK NEIGHBORHOODS DATA    was obtained from NYU Spatial Data Repository. The repository was titled 2014 New York City Neighborhood Names.

TORONTO NEIGHBORHOODS DATA    was scraped from a Wikipedia page titled List of Postal Codes of Canada : M.