

IBM APPLIED DATA SCIENCE CAPSTONE
Relocation Recommendation System based on Neighborhood Similarity
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- **DATA: FOURSQUARE PLACES API**

1. 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.
2. The API itself is a RESTful set of addresses to which you can send requests and get responses. The API allows querying places and users, exploring popular places, and checking out reviews and photographs for these places.
3. 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.

- **OTHER DATA SOURCES**

1. NEW YORK NEIGHBORHOODS DATA was obtained from an online Repository and downloaded in xlsx format.
2. TORONTO NEIGHBORHOODS DATA was obtained from an online Repository and downloaded in xlsx format.