**Capstone**

## Capstone Project - The Battle of Neighborhoods

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**Part 2: Data Description**

Since the contractor wants to build his warehouse in Bronx, NY, I will need geo-locational information of Bronx and its neighborhood. For this part of the problem I will use postal code information provided by the NYU Spatial Data Repository. By using this information, I will analyze the target area and then with the help of Foursquare I will find which restaurants are visited most. I will do this by getting data of location (latitude, longitude), distance to center, category and popularity that is provided by a typical request from Foursquare.

Steps:

1. Defining and analyzing neighborhoods in Bronx by using the data NYU Spatial Data Repository.

2. Getting each venue in every neighborhood by using Foursquare.

3. Categorizing these venues (only the venues that need meat will be required)

4. Finding popularity of the venues and then clustering them

Following sources of data are used while executing the Capstone Project: -

* **Data title: -**

2014 New York City Neighborhood Names

**Type of data: -**

JSON

* **Data title: -**

Foursquare location data

**Type of data: -**

JSON