

CAPSTONE PROJECT

THE BATTLE OF
NEIGHBOREHOODS

PART OF IBM DATA SCIENCE
PROFESSIONAL COURSE

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Problem statement

Charlotte is a one of the most populous city of USA. Between 2004 to 2014, charlotte was rank as fastest growing metro area with 880000 more resident. (Per Wikipedia). Opportunity of opening new business and being successful is real. Being there are many different kinds of business ideas, opening a restaurant is on top of the list for my customer. Before they think about other things require to open a restaurant, they would like to do assessment on different area based on area, nearby restaurant etc. This will help them compare and decide best location.

Description of Data

Based on the problem that we are trying to solve, assessment on following list based on zip code would be important.

1. Zip code list of the charlotte
2. Near by Restaurant

We will use

1. <https://www.zip-codes.com/> - To get list of zipcode in charlotte area
2. Number of restaurants and their type and location in every neighborhood will be obtained using Foursquare API