Coursera Capstone

IBM Applied Data Science Capstone

Locating good Residential Building having better Indian restaurant option in the neighborhood in Washington DC

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May 2019

Introduction/Business Problem

The objective of this capstone project is to come up with a real problem and select a location for analysis. We need to use location data from Foursquare.com. We require to solve the problem using data science methodology and machine learning techniques.

In our problem statement, we have a group of software engineers from India who are planning to live in Washington DC for three months. Their hiring company is paying all expenditure. So, they would need to find flats/apartments having a good rating. They are going to work outside India for the first time. So, it's desirable that they are located nearby an Indian restaurant (having a great number of likes) preferred by others.

The target audience for this project includes:

1. Any professional/outsourcing employees who are going to relocate for short-term in Washington DC.

2. Real-estate agents who are interested in locating the attractive neighborhood in Washington DC.

3. Anyone who has an interest in location-based Data Science Project.