IBM - Peer-graded Assignment: Capstone Project - The Battle of Neighborhoods (Week 2)

**Introduction:**

In this project, we’ll be discovering New Delhi, the capital city of India, with a great diversity in terms of cuisine culture. There are plenty of different types of restaurants in many categories. During the project, there will be answers to some question about the food industry in the city such as “where is the best places to eat?”, “where can i find the best places to eat hamburgers or cheeseburgers?”, “how many burger places exist in the city and where?”

**Data:**

* The data it is needed for the project is restaurant information with location and ratings for customer satisfaction. That’s why zomato dataset is locally uploaded and used.
* Therefore, Foursqaure API is used to get all venues in each neighborhood.
* [Zomato kaggel dataset](https://www.kaggle.com/shrutimehta/zomato-restaurants-data)
* Foursquare API

**Approach:**

* Collect the new delhi city data from Zomato kaggel dataset
* Using FourSquare API we will find all venues for each neighborhood.
* Filter out all venues that are nearby by locality.
* Using aggregative rating for each resturant to find the best places.
* Visualize the Ranking of neighborhoods using folium library(python)

**Conclusion:**

* Connaught Place, Malviya Nagar, Greater Kailash are the best neighborhoods for burger restaurants.
* Satyaniketan, Greater Kailash, Rajouri Garden have the best burher places.
* Cannaught place, Rajouri garden, Malviya nagar are the best places for edible person.
* Greater kailash, Feroze shah road, Saket have best resturants in New Delhi.