

IBM DataScience

Final Capstone Project — The Battle of Neighborhoods

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Description of the Data:

For this project I need the following data :

- Kolkata Restaurants data that contains list Locality, Restaurant name, Rating along with their latitude and longitude.
 - **Data source** : Zomato kaggle dataset
(<https://www.kaggle.com/shrutiamehta/zomato-restaurants-data>)
 - **Description** : This data set contains the required information. And I will use this data set to explore various locality of Kolkata city.
- Nearby places in each locality of Kolkata city.
 - **Data source** : Foursquare API
(<https://developer.foursquare.com/>)
 - **Description** : By using this API, I will get all the venues in each neighborhood.

Approach to solve the problem:

- The Kolkata city data from Zomato kaggle dataset will be collected.
- All venues for each neighborhood will be found using FourSquare API .
- All venues that are nearby by locality will be filtered out.
- Aggregative rating will be used for each restaurant to find the best places.
- Visualizing the Ranking of neighborhoods using folium library(python)