Coursera Capstone

IBM Data Science Capstone

Segregating New Delhi Restaurants based on Location and Rating:

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Introduction:

For many connoisseurs , it will be helpful to locate a restaurant with a good rating and near by location in any city.I have chosen to segregate restaurants in New Delhi city based on location,ratings, cuisine type.

Business Problem:

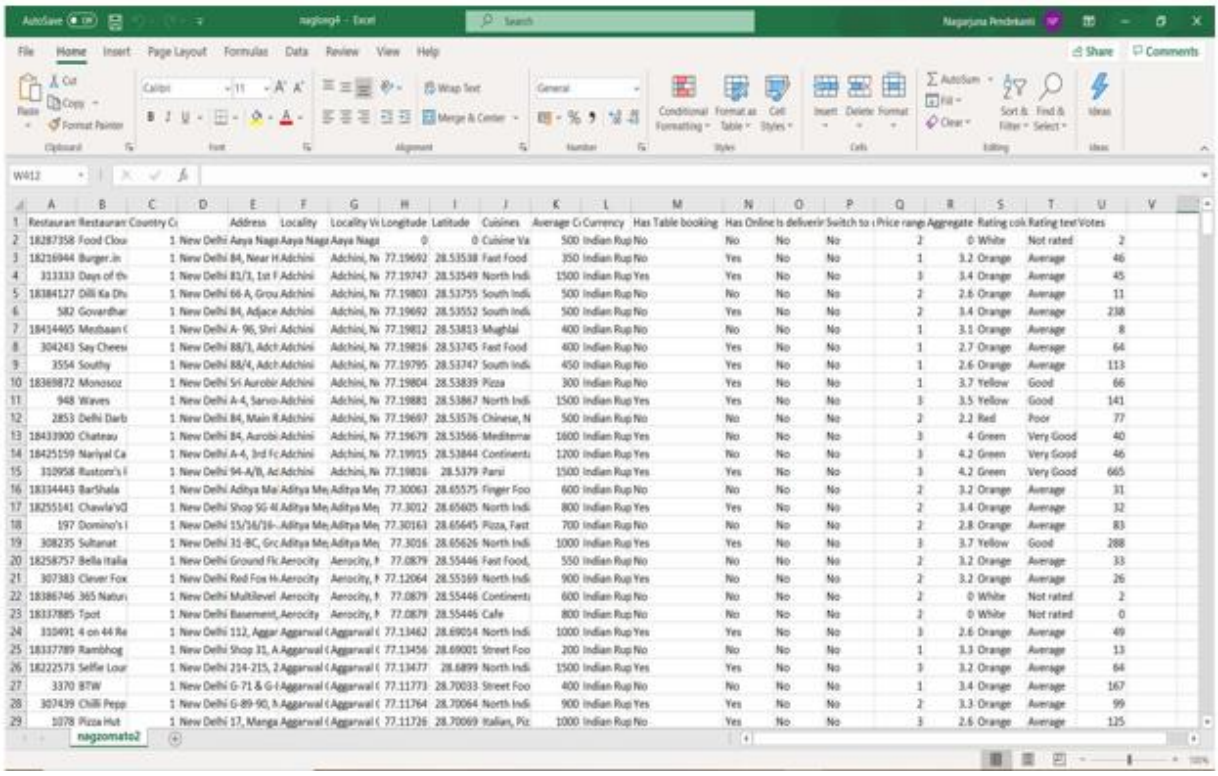
To choose a restaurant based on location, rating and cuisine type. By proper selection of a restaurant which will save enormous amount of commuting time and money for a customer and at the same time rewarding good restaurants. This will be a win-win situation for both customers and restaurant owners.ie all stake holders will be benefited .This will also help to fill lacuna ie if particular cuisine type restaurant with appropriate rating is not available in that particular locality, any prospective investor or an Entrepreanuer can start a new venture in that locality

Target Audience of this project:

This project is particularly useful to visitors from other parts of the country and for foreign visitors to locate appropriate restaurant suitable to their tastes. Also as mentioned above will be useful for future hoteliers.

Data

To solve the problem, we will need the following data:

First using Foursquare API, list of restaurants in New Delhi are obtained . This data gives restaurant's Name,Address,Longitude,Latitude,Cuisine,etc.This data is supplemented by Zomato data set which is published in Kaggle Competitions. This data set has extensive coverage of Restaurants in New Delhi with many details.

Link : https://www.kaggle.com/shrutimehta/zomato-restaurants-data