

1. Data Exploration and Preprocessing

Explore the dataset and identify the number of rows and columns.

Check for missing values in each column and handle them accordingly.

Perform data type conversion if necessary. Analyse the distribution of the target variable ("Aggregate rating") and identify any class imbalances.

2. Descriptive Analysis

Calculate basic statistical measures (mean, median, standard deviation, etc.) for numerical columns.

Explore the distribution of categorical variables like "Country Code," "City," and "Cuisines."

Identify the top cuisines and cities with the highest number of restaurants.

3. Geospatial Analysis

Visualize the locations of restaurants on a map using latitude and longitude information.

Analyse the distribution of restaurants across different cities or countries. Determine if there is any correlation between the restaurant's location and its rating.