ANALYTIC SQUARE

Data Analytics
Zomato

Zomato Restaurant Dataset

This dataset contains information about all the listed restaurants in Hyderabad. This dataset can be utilized to build recommendation system, analyze data trend, predict food price and much more. Dataset column details are as follows:

- links: Contains links to the order page of the restaurants.
- names: Name of the restaurants.
- ratings: Average of the rating given by the all the customers.
- cuisine: Cuisine served by the restaurants.
- price for one: Cost of the food for one person in INR.

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The following dataset is concerned with details of restaurants having collaboration with Zomato, in Delhi. The purpose of this notebook is to do some simple exploratory data analysis in an attmept to answer some specfic queries. The features related to food price and rating are of particular focus here, hence most of the analysis is with respect to these features. It is evident that in principle, one could do a much more comprehensive analysis taking the food category and customer feedback features. However, we restrict only to specific localities and categories that have the highest appearence

What to do with this Data:

- Importing dataset for analysis
- Preliminary overview (Shape, Head, Tail, Describe, Info)
- Checking for null values and feature types
- Drop columns with geographical coordinates
- Drop locality address and keep only the specific locality name
- Fill missing values
- check how many restaurants belong to each price category
- plot the above result

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- check the percent wise distribution of restaurants with each rating category
- Check rating category with the price range of the restaurant w.r.t Value Counts function
- Which localities have the maximum number of very good category restaurants (TOP 10)
- Places with maximum number of restaurants
- Food category Analysis
- Find top 3 most common food category and plot them in pie chart.
- Which localities have the most common category serving restaurants. (Like: North Indian, Chinese etc.)
- Localities serving both north Indian and south Indian food
- Number of restaurants serving only north Indian, Chinese and both together and Visualize them.

Access the Dataset HERE:

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