

Geospatial Analysis Project.

Zomato:- Zomato is an Indian Restaurant aggregator and online food delivery company available in 24 countries.

Zomato is receiving 8 orders/Second.
(This is an assumption).

Data Analysis on Zomato.

1). Pre-Data Processing For Analysis:-

- (i). Read your data. (Zomato.csv)
drive link is given because data is too large.

We perform our Analysis on Google Collab.

- (ii). Data cleaning.

Find % of missing values in your data
Deal with missing values.

2). In Depth Analysis of Restaurant:

- (i). Calculating average (avg) rating of each restaurant.
- (ii). Get distribution of Rating column & try to find out what distribution this feature Support?

- (iii). Top Restaurant chains in Bangalore.
- (iv). How many of the restaurants do not accept Online orders?

4). Analyzing Most Famous Restaurant:-

- (i). Relation between Restaurants that provide Table and do not provide Table?
- (ii). Indepth Analysis of types of Restaurant we have.
- (iii). Highest Voted Restaurant.
- (iv). Total Restaurant at different locations of Bangalore.

5). Analyzing Price of Restaurant.

- (i). Total number of variety of Restaurants in Bangalore.
- (ii). Analyze Approx cost of 2 people Feature.
- (iii). Analyze 'approx cost of 2 people' VS 'rating'! find out some relationship in between.
- (iv). Is there any difference between votes of restaurants accepting and not accepting the online orders?
- (v). Is there any difference between price of restaurants accepting and not accepting online orders?

6). Analyzing Insights from Restaurant Pattern.

- (i). Find out most luxurious Restaurant with in Bangalore.
- (ii). Top 10 most expensive restaurant with approx cost for 2 people.
- (iii). What Pattern/Distribution 'Approx cost for 2 people' follows?
- (iv). Top 10 cheapest Restaurant.
- (v). Find all the restaurant that are below than 500 (budget hotel) as well as affordable.

7). Perform Spatial Analysis

- (i). Total Restaurants that have good rating > 4 and that are in budget too.
- (ii). Total Various affordable hotels at all locations of Bangalore.
- (iii). Finding Best Budget Restaurants in any location.
- (iv). Which are the foodie areas?

8). Perform Spatial Analysis Part 2:-

- (i). Find Latitudes and longitudes for each of the locations of Bangalore.
- (ii). Generate Basemap of Bangalore.
- (iii). Heatmap of Restaurants.

9). Analyzing most Popular ~~Our~~ Cuisines.

- (i). Heatmap of North Indian Restaurant.
- (ii). Which are the most popular Casual dining chains?