

Zomato Restaurant Data Analysis



RATING DISTRIBUTION

- **Title:** Rating Distribution (Histogram Chart)

A **histogram** is a graphical representation used to visualize the **distribution of numerical data**. the histogram is used to **show how restaurant ratings are distributed** across different value ranges.

- **Objective:** Understand how restaurant are rated
- **Method:** Histogram plotted using Matplotlib

Online Order Availability

- **Title:** Restaurant Type Distribution (Pie Chart)

A **pie chart** is a **circular statistical graphic** that is divided into slices to illustrate **numerical proportions**. the histogram is used to **online order availability** restaurant.

- **Objective:** Identify popular restaurant types
- **Method:** pie chart of top 5-7 rest_type categories



Restaurant_Type Distribution

- **Title:** Restaurant_Type (Bar Chart)

A **bar chart** is a visual tool used to represent **categorical data with rectangular bars**, where the length of each bar is proportional to the value it represents. the bar chart shows the **restaurant_type** among across different value ranges.

- **Objective:** Compare availability of online ordering
- **Method:** Bar chart of online_order (Yes vs No)

