Data Analysis Project Using Python

1) What type of restaurant do the majority of customers order from?

2 How many votes has each type of restaurant received from customers?

3) What are the ratings that the majority of restaurants have received?

4)Zomato has observed that most couples order most of their food online. What is their average spending on each order?

5) Which mode (online or offline) has received the maximum rating?

6) Which type of restaurant received more offline orders, so that Zomato can provide those customers with some good offers?

✅ Restaurant types
✅ Online order vs. offline order
✅ Ratings distribution
✅ Location-wise distribution

key columns:

- `online_order` (Yes/No)
- `book_table` (Yes/No)
- `rate` (restaurant ratings)
- `listed_in(type)` (restaurant type)

Now, I'll generate a **percentage-wise summary** for these categories. ⏳

Percentage-wise Summary of Zomato Data

✔ Online Orders:

- **No:** 60.81%
- **Yes:** 39.19%

✔ Table Booking:

- **No:** 94.59%
- **Yes:** 5.41%

✔ Ratings Distribution:

- **3.0 - 4.0 stars:** 75.68%
- **4.0 - 5.0 stars:** 16.22%
- **2.0 - 3.0 stars:** 8.11%
- **Below 2.0 stars:** 0.00%

✔ **Restaurant Type Distribution:**

- **Dining:** 74.32%
- **Cafes:** 15.54%
- **Other:** 5.41%
- **Buffet:** 4.73%

This provides a clear **percentage-based breakdown** of restaurant trends in dataset. visualizations!