**EXPLORATORY DATA ANALYSIS-12**

[Dataset-:](https://docs.google.com/spreadsheets/d/1gy8EneZYWfgW1pYfDRszQ8wXDfAHxm6B/edit?usp=sharing&ouid=101109206230394672482&rtpof=true&sd=true)

1. How many rows and columns are there in the dataset?
2. What are the data types of each column?
3. Are there any missing values in the dataset? If yes, handle them appropriately.
4. Calculate the summary statistics for numeric columns (e.g., quantity, unit\_price).
5. What is the average total\_price of all orders?
6. Visualize the distribution of order\_date.
7. Which day of the week has the highest total sales?
8. List the unique pizza categories in the dataset.
9. For each pizza category, calculate the average quantity ordered.
10. Visualize the distribution of pizza sizes.
11. What is the most common pizza size?
12. Calculate the total sales revenue for each pizza category.
13. Identify the top 5 pizza ingredients used.
14. Create a new column 'month' derived from 'order\_date' and analyze the monthly sales trends.
15. Calculate the total sales revenue for each month.
16. Visualize the sales trend over months using a line plot.
17. Calculate the correlation between 'quantity' and 'total\_price'.
18. Find the pizza with the highest unit price.
19. Calculate the total sales for each day.
20. Visualize the total sales trend over days using a bar chart.
21. Identify the top 5 pizza names based on the quantity ordered.
22. What is the average unit price for each pizza category?
23. Find the top 3 pizza ingredients that appear the most frequently.
24. Calculate the average total\_price for each pizza size.
25. Identify the top 3 pizza categories with the highest total sales.