

Problem Statements

1. Most Frequent Payment Method

Which payment method is used most frequently by customers?

2. Rating Distribution:

What is the distribution of ratings across all transactions?

3. Total Quantity Sold by Payment Type

Calculate Total Quantity Sold by Payment Method

4. Average Rating by Category

What is the average rating for each product category?

5. Analyse Payment Methods and Sales

What are the different payment methods, and how many transactions and items were sold with each method?

6. Analyse Category Ratings by City

What is the average, minimum, and maximum ratings for each category in each city?

7. Calculate Total Profit by Category

What is the total profit for each category, ranked from highest to lowest?

8. Analyse Sales Shifts Throughout the Day

How many transactions occur in each shift (Morning, Afternoon, Evening) across branches?

9. Determine the Most Common Payment Method per Branch

What is the most frequently used payment method in each branch?

10. Identify the Highest-Rated Category in Each Branch

Which category received the highest average rating in each branch?