

Basic Queries

1. Display all columns and rows from the sales table.
2. Retrieve all unique product lines from the sales table.
3. Find all sales made in the city of Mandalay.
4. Fetch the total revenue for each branch.
5. Retrieve all transactions where the payment method was "Credit Card".

Aggregation and Analysis

6. Find the total number of products sold by each branch.
7. Calculate the average unit price for each product line.
8. Find the day with the highest revenue in the entire dataset.
9. Determine the most frequently used payment method.
10. Calculate the total VAT collected by each city.

Conditional Queries

11. Retrieve sales data where the gross margin percentage is greater than 5%.
12. Find all transactions where the total revenue is above ₹10,000.
13. Retrieve details of customers who purchased more than 5 units in a single transaction.
14. Find transactions made during weekends.
15. Fetch all sales made by male customers.

Customer Analysis

16. Identify the customer type that generates the most revenue.
17. Determine the gender distribution of customers for each branch.
18. Find the average rating given by customers for each branch.
19. Identify which customer type pays the highest VAT.
20. Calculate the total quantity sold by each customer type.

Product Analysis

21. Identify the most sold product line by quantity.
22. Fetch the product line with the highest total revenue.
23. Determine the average gross income for each product line.
24. Retrieve product lines with sales below the average revenue.
25. Identify the product line with the highest average rating.

Time-based Analysis

26. Determine which month of the year generated the most revenue.
27. Find the total revenue for each day of the week.
28. Identify the time of day (morning, afternoon, evening) with the most sales.
29. Fetch the branch with the highest sales during weekends.
30. Find which weekday has the highest average customer rating.