

Question 1. top selling products ,query the top 10 products by total sales value include product name,total quantity sold,and total sales value.

Question 2. Revenue by category, calculate total revenue generated by each product category include the percentage contribution of each category on total revenue.

Question 3. Average order value, compute the average order value from each customer include only customers with more than 5 customers.

Question 4. monthly sales trend ,query monthly total sales over the past year display the sales trend grouping by month return current sales and previous sales.

Question 5. customers with no purchases ,find customers who have registered but never placed an order.

Question 6. least selling category by state .identify the best selling product category for each state include the total sell for that category within each state.

Question 7. customer lifetime value, calculate the total value of orders placed by each customer over their life time rank customer based on the customer life time value.

Question 8. inventory stock alerts, query products with stock levels below a certain threshold(e.g. less than 10 units) include last restock date and warehouse information.

Question 9. identify orders where the shipping date is later than 3 days after the order date include customer order details and delivery provider.

Question 10. calculate the percentage of successful payments across all orders include breakdown by payment status (failed ,pending).

Question 11. top performing sellers ,find the top 5 sellers based on sale value include both successful and failed orders and display their percentage.

Question 12. product profit margin calculate the profit margin for each product(difference between price and cost of goods sold) ranking products by their profit margin showing highest to lowest.

Question 13. most returned product query the top products by the number of returns display the return rate as a percentage of total units sold.

Question 14. inactive sellers ,identify sellers who haven't made any sales in last 6 months.

Question 15.

Store Procedure create a function as soon as the product is sold the same quantity should reduced from inventory table after adding any sales records it should update the stock in the inventory table based on the product and qty purchased