

SQL ASSIGNMENTS

Complete Topic

1. Retrieve a list of all distinct products
2. Count the total number of sales records.
3. Find the revenue generated in each month for each product
4. Identify the top 3 cities with the highest profit
5. Calculate the average revenue per unit sold for each area
6. Find the product with the highest total revenue across all areas and months
7. Retrieve the cities where the total units sold are above the overall average
8. Find the cumulative revenue for each product over time (month-wise)
9. Determine the rank of each product based on the total units sold within its area
10. Find the first and last sale month for each product.
11. Calculate the difference in revenue between the current month and the previous month for each product
12. Determine the top-performing product in each area based on revenue and flag it
13. Find the percentage contribution of each product to the total revenue of its area
14. Identify the product with the highest profit margin (Profit/Revenue) within each city
15. Calculate the average profit for each area and classify the result
if profit is greater than 80k then "High Revenue"
else show "Normal Revenue"
16. Find the monthly average revenue for each area and filter out months with low average.
17. Identify the top 2 most profitable products in each area
18. Identify the month with the highest revenue for each product using CTE
19. Show the top 3 Profit By each Product
20. Create a procedure to filter table whose area = parameter and unit > parameter