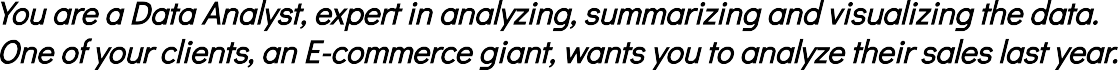




E-Commerce



Practical Type Question



1. ****Format** SaleDate **as DD/MM/YYYY**  
   Write a query to display SaleDate in the format DD/MM/YYYY.**
2. **Analyze the trend in our monthly sales using a moving average technique**
3. **Explore the month-over-month growth rate in sales.**
4. **identify the top-performing sales representatives based on their total sales volume**
5. **What are the total sales made by each employee?**
6. **Which category has the highest total sales?**
7. **How many customers are there in each state?**
8. **What is the average quantity of each product sold?**
9. **Which supplier has the highest total sales?**
10. **What is the total revenue generated from sales in each state?**
11. **How many sales were made by each customer?**
12. **What is the total salary expenditure on employees in each department?**
13. **Which subcategory has the highest average unit price?**
14. **What is the total revenue generated from sales in each category?**
15. ****Identify Sales Trends** compare each month’s sales to the next month’s sales.**
16. **Rank Employees by Sales**
17. ****Calculate Monthly Growth**  
    Write a stored procedure CalculateMonthlyGrowth that returns the Month-Over-Month (MoM) growth rate for total sales.**
18. ****Get Sales by Employee**  
    Write a stored procedure GetSalesByEmployee that takes an EmployeeID as input and returns their total sales.**
19. ****Create a View for Top Sales Representatives**  
    Create a view named TopSalesReps that lists each sales representative (EmployeeID) and their total sales (TotalPrice).**
20. ****Find Sales in the First Quarter**  
    Find all rows where the SaleDate falls in the first quarter (January to March).**

*Trainer: Pooja Singh*