

E-Commerce DBA Project: SQL Query Task List

Customer Queries

- Retrieve all customers.
- Find customers who haven't placed any orders.
- List customers who ordered more than 3 times in the last month.
- Show top 5 most active customers by total spending.
- Find customers from a specific city or address pattern.

Product & Inventory Queries

- Display all available products.
- Find products with stock quantity less than 10.
- List top 5 best-selling products.
- Find products never sold.
- Group products by category and count how many are in each.

Order Queries

- List all orders for a specific customer.
- Show orders placed in the last 7 days.
- Calculate the total order amount per day.
- Count number of orders by status (Pending, Shipped, etc.).
- Identify cancelled orders and their reasons (if stored).

Payment Queries

- Find all failed or pending payments.
- Calculate total revenue for the current month.
- Get average order value per payment method.
- Identify orders that are not yet paid.
- Summarize payments by type (UPI, Credit Card, COD).

Reporting & Analytics

- Show monthly sales trends.
- Find the most returned product (if return data exists).
- List top 5 high-value transactions.
- Generate a daily sales summary.
- Track orders by shipping/delivery status.