

Assignment –7
Summarizing Data with Aggregate Functions.

- 1) Write a query that counts all orders for October 3.

Ans:

SELECT COUNT(*) FROM ORDERS WHERE Odate = '2023-10-03';

- 2) Write a query that counts the number of different non-NULL city values in the Customers table.

Ans:

SELECT COUNT(DISTINCT City) FROM Customers WHERE City IS NOT NULL;

- 3) Write a query that selects each customer's smallest order.

Ans:

SELECT CustomerID, MIN(OrderAmount) AS SmallestOrder FROM Orders GROUP BY CustomerID;

- 4) Write a query that selects the first customer, in alphabetical order, whose name begins with G.

Ans:

SELECT * FROM CUSTOMERS WHERE CName LIKE '%G%' ORDER BY CName ASC;

- 5) Write a query that selects the highest rating in each city.

Ans:

SELECT City, MAX(Rating) AS HighestRating FROM Customers GROUP BY City;

- 6) Write a query that counts the number of salespeople registering orders for each day. (If a salesperson has more than one order on a given day, he or she should be counted only once.).

Ans:

SELECT OrderDate, COUNT(DISTINCT SalespersonID) AS NumberOfSalespeople FROM Orders GROUP BY Odate;