Name – Jyoti Kaushal

Email - roohihsp2023@gmail.com

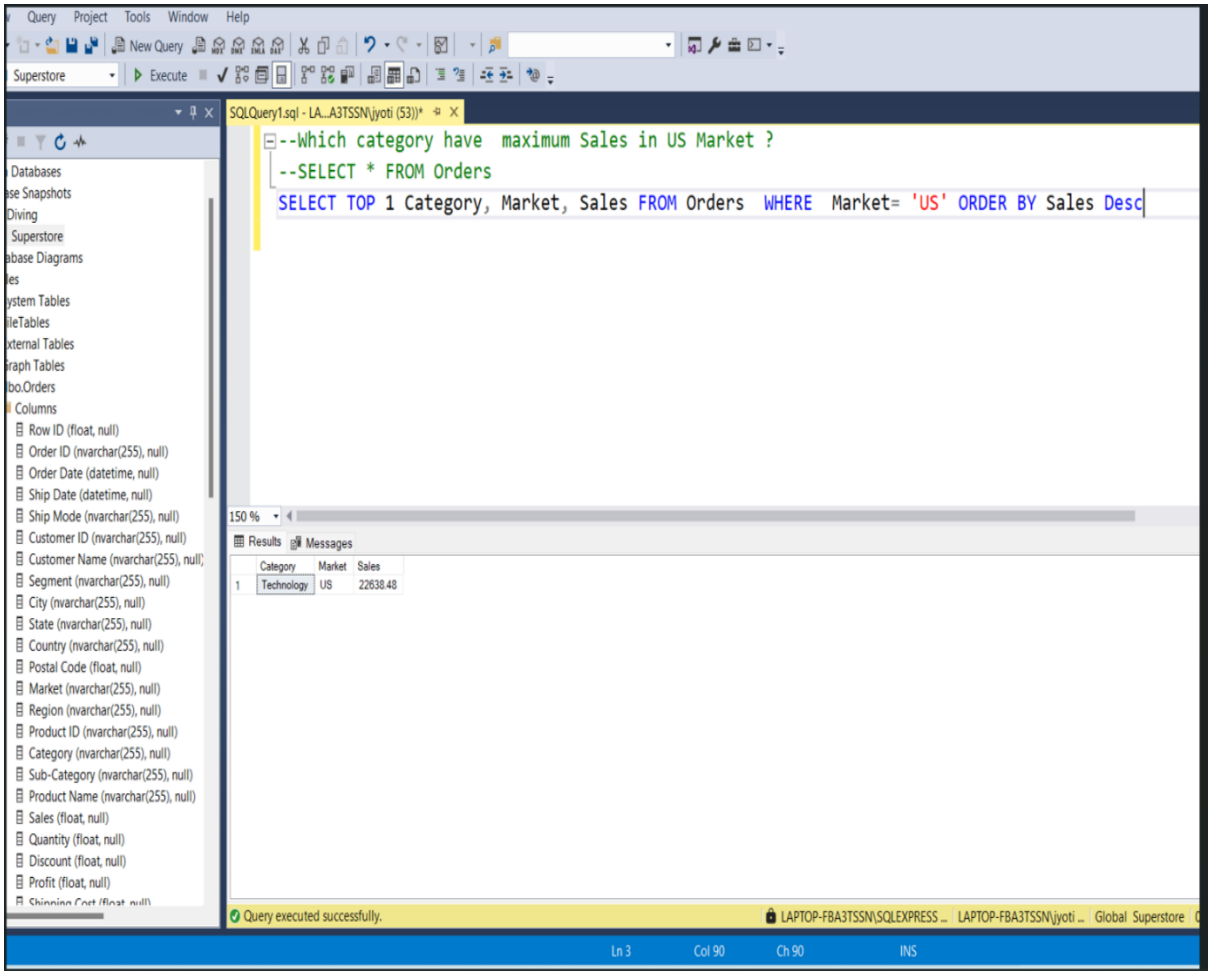
Data Set: Global Superstore

Management Tool - SSMS

MODULE- SQL

Q1. Which category has the highest sales in the US market?

Ans. SELECT TOP 1 Category, Market, Sales FROM orders WHERE Market = 'US' ORDER BY DESC ;

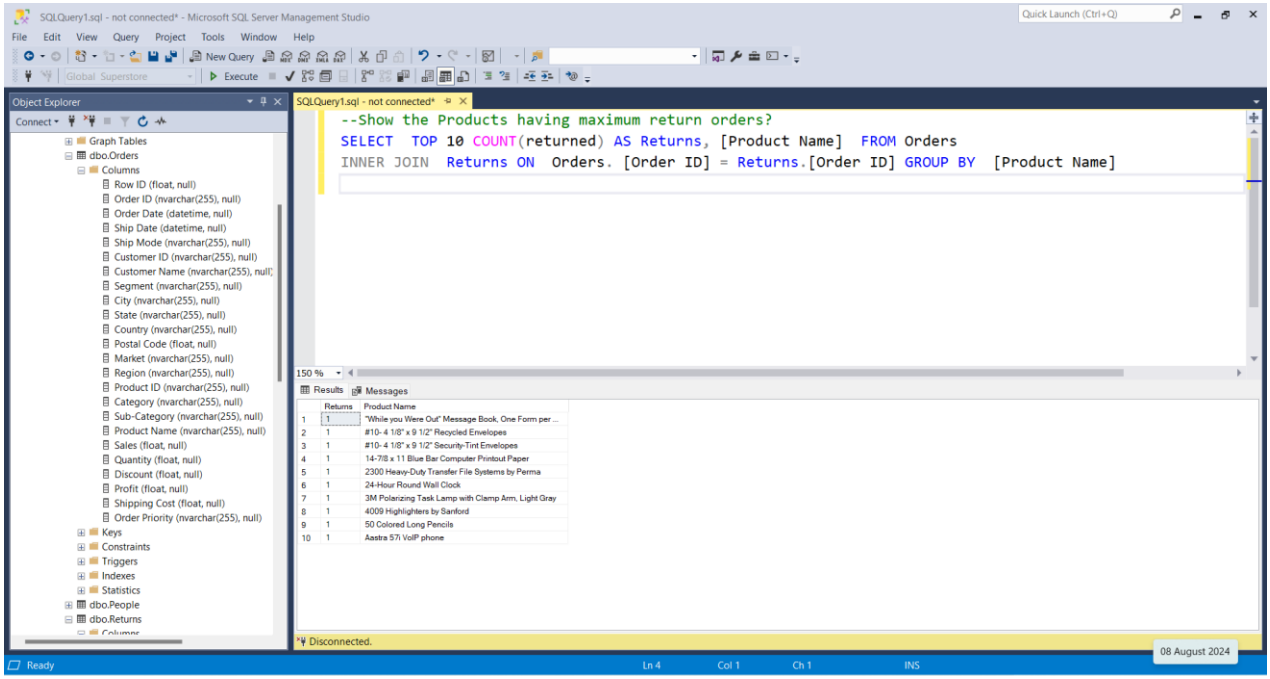


Q2. Show the Products having maximum Return Orders?

Ans. SELECT Top 10 COUNT (returned) AS Returns, [Product Name]

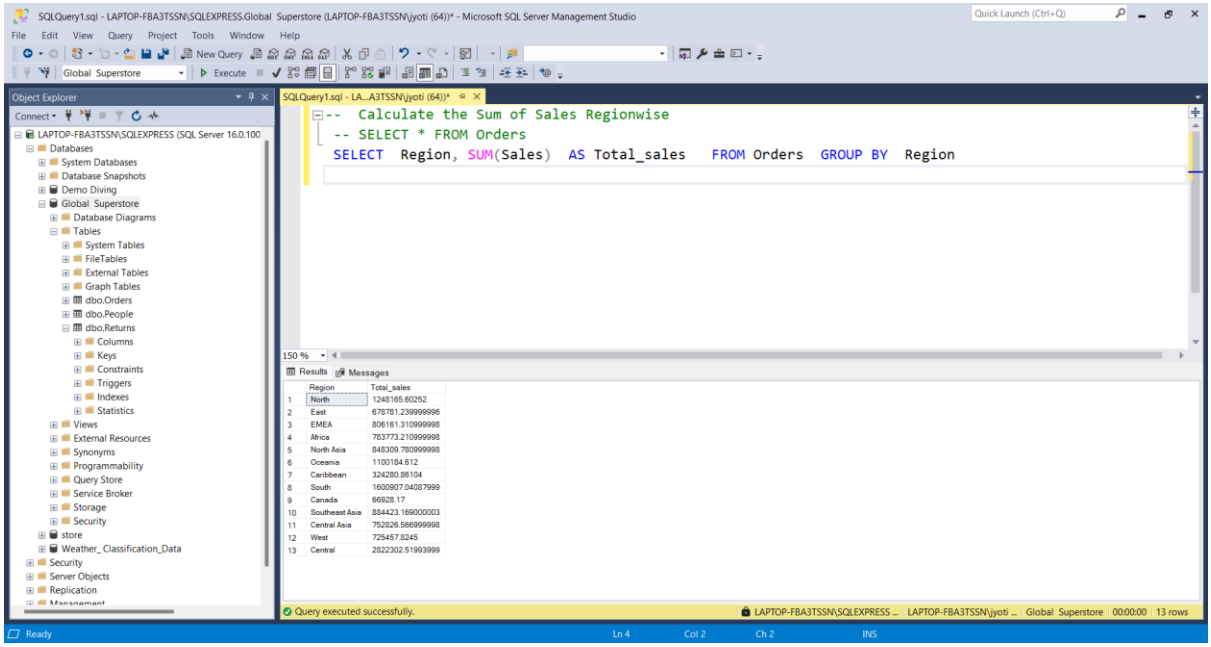
FROM Orders. INNER JOIN Returns ON orders. [order.ID] GROUP BY

[product Name] ;



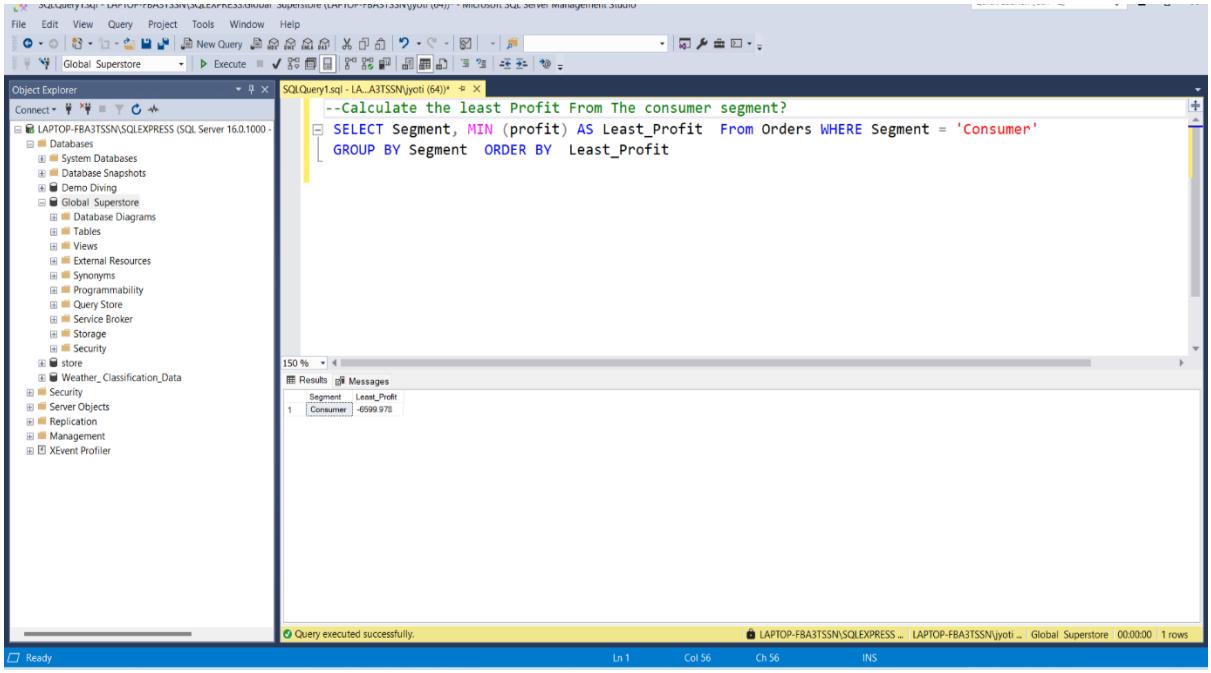
Q3. Calculate the sum of Sales Region wise?

Ans. SELECT Region, SUM (Sales) AS Total Sales FROM ORDERS GROUP BY Region;



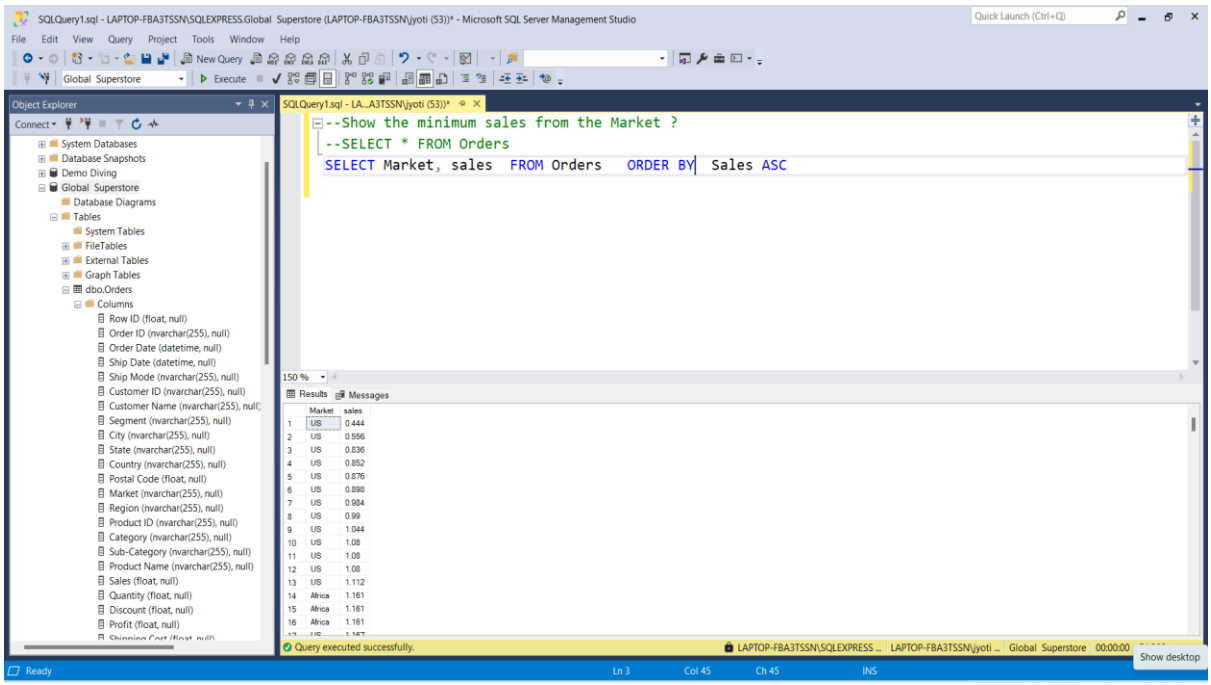
Q4. Calculate the least profit from the consumer segment?

Ans. SELECT segment MIN (Profit) AS least_Profit From Orders WHERE Segment = ‘consumer’ name GROUP BY Segment ORDER BY least_Profit;



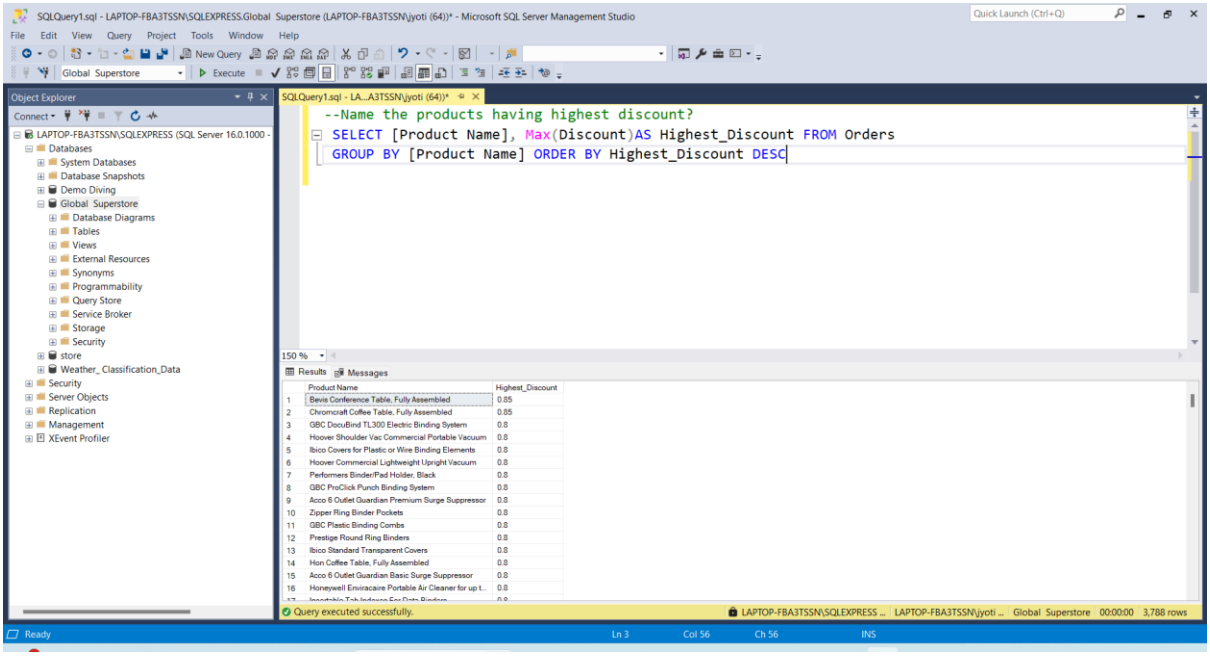
Q5. Show the Minimum Sales from the market?

ANS. SELECT Market, Sales FROM Orders ORDERS BY DESC;



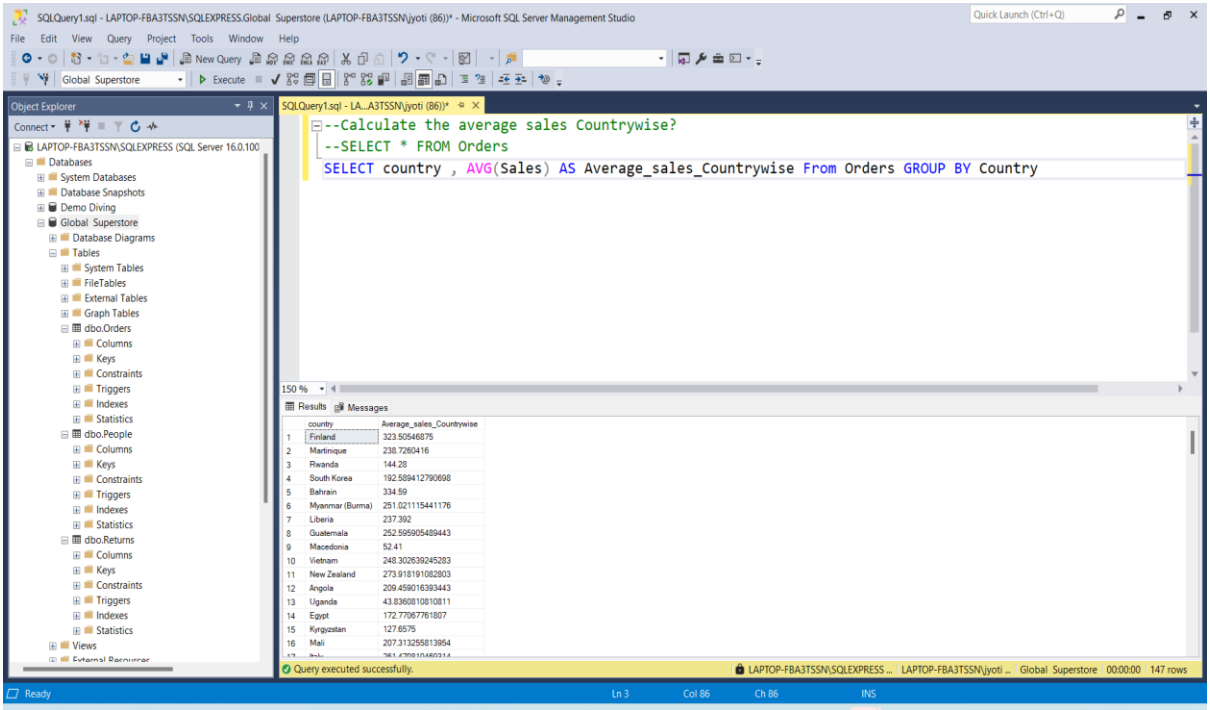
Q6. Name the products having the highest discount? `

ANS. SELECT [Product Name], MAX(Discount) AS Highest_Discount FROM Orders GROUP BY [Product Name] ORDER BY Highest_ Discount DESC;



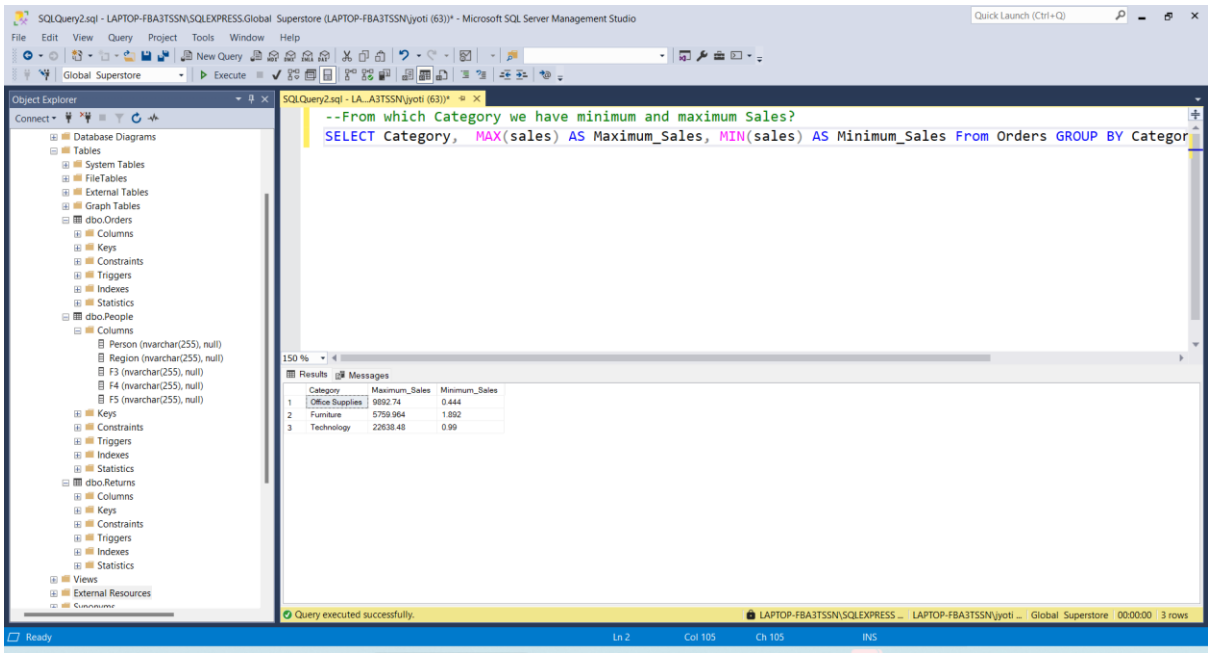
Q7. Calculate the average sales Country wise?

ANS. SELECT Country, AVG(Sales) AS Average_Sales_Country wise FROM orders GROUP BY Country;



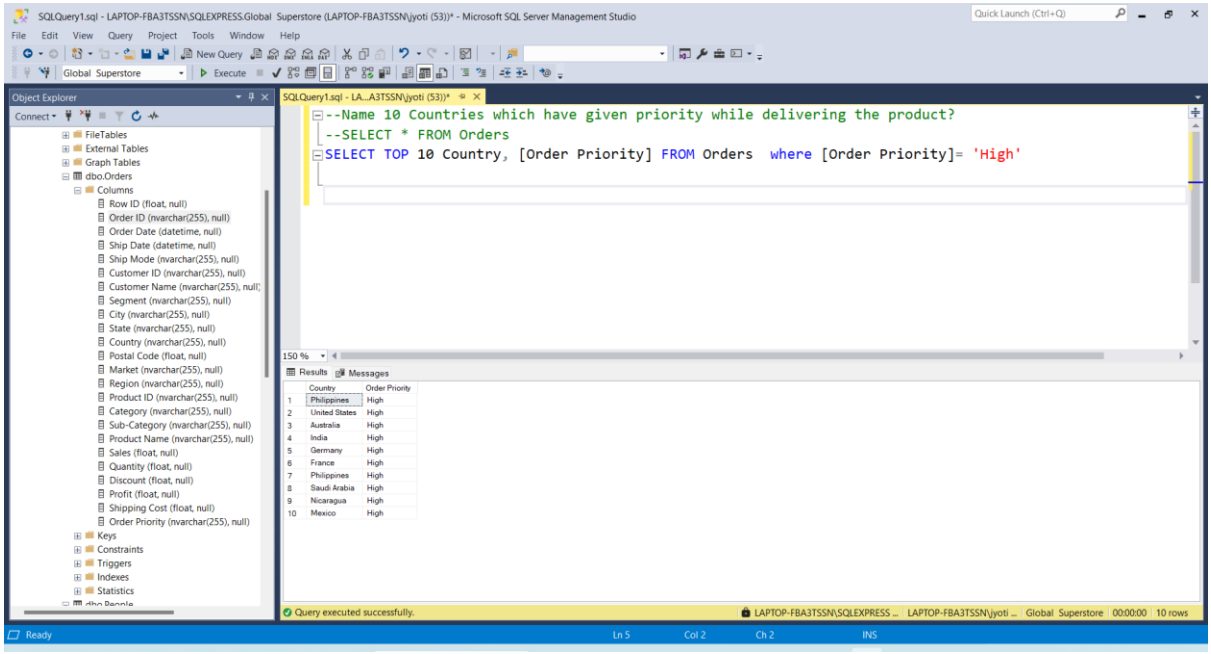
Q8. From which Category we have maximum and minimum sales?

ANS SELECT Category Max(Sales) As Maximum_Sales, MIN(Sales) AS Minimum_Sales FROM orders GROUP BY Category;



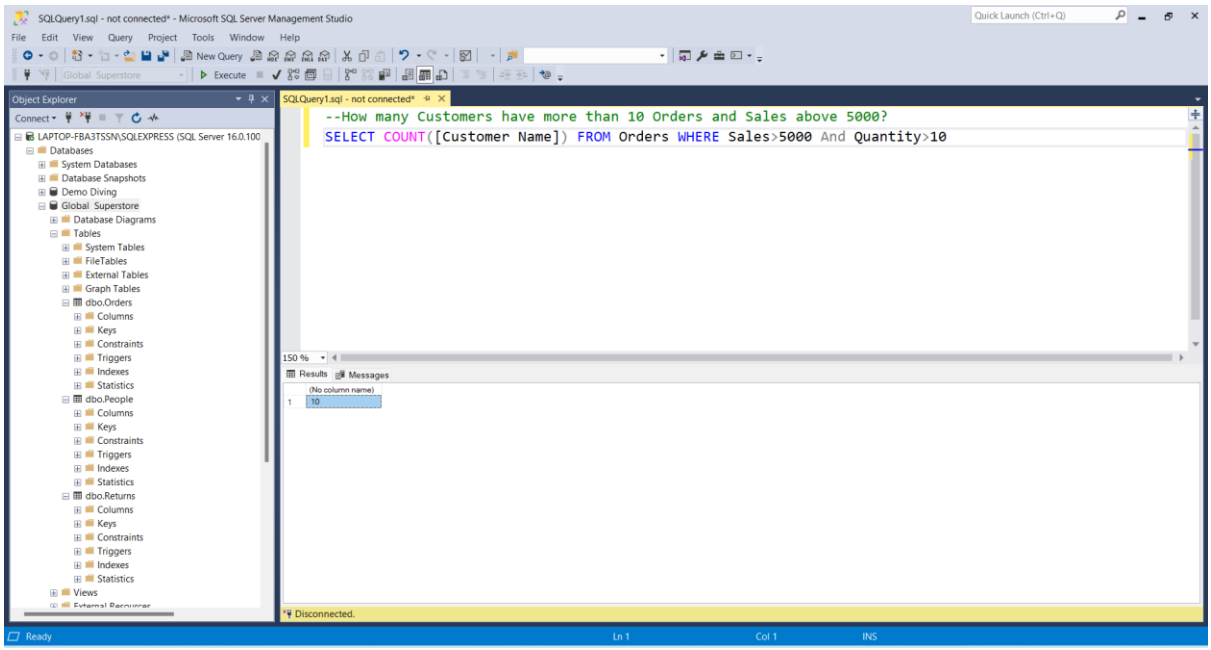
Q9. Name 10 Countries which have given priority while delivering the Product?

ANS SELECT Top 10 country , [order Priority] FROM Orders WHERE[Orders Priority]='High';



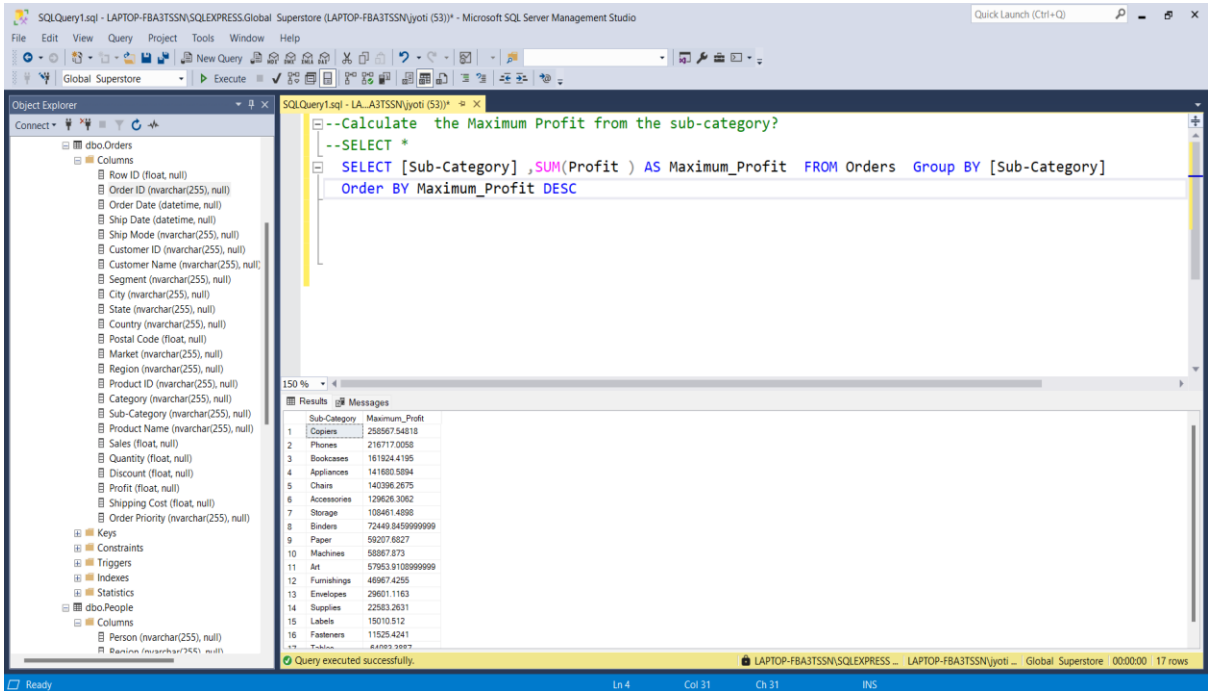
Q10. How many customers have more than 10 orders and sales above 5000 ?

ANS. SELECT COUNT ([Customer Name]) FROM orders WHERE Sales > 10;



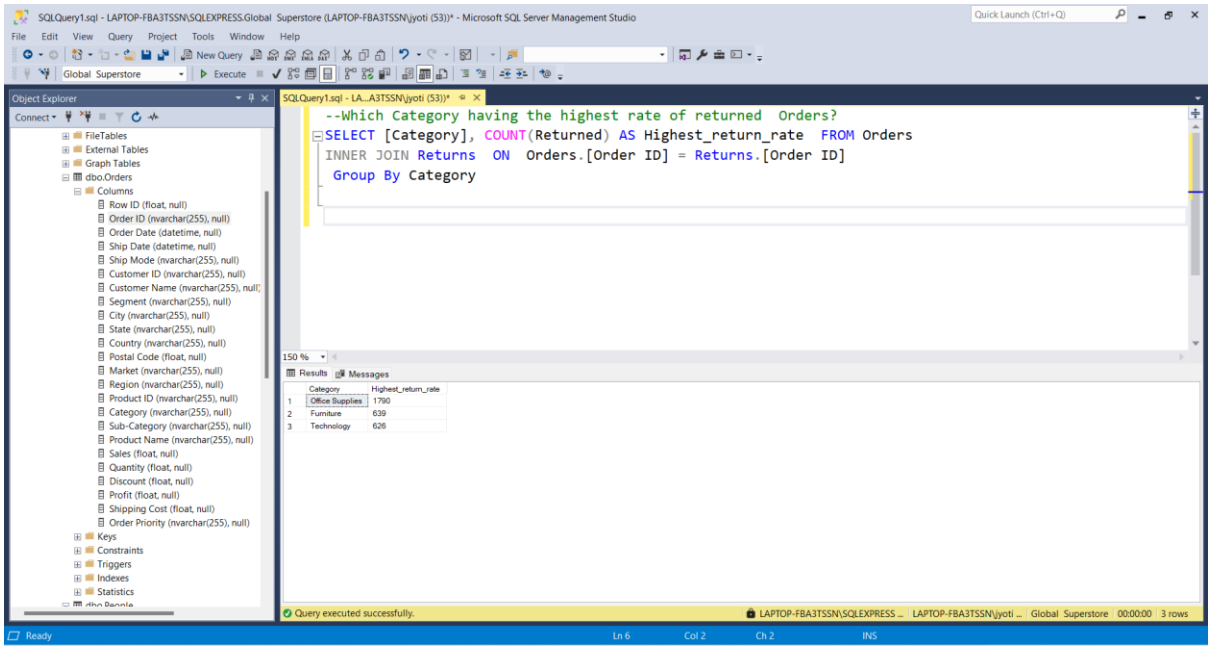
Q11. Calculate the Maximum Profit from the Sub- Category ?

ANS SELECT **[**Sub-Category], SUM (Profit) AS Maximim_Profit FROM orders GROUP BY [Sub-Category] ORDERS BY Maximum_Profit DESC;



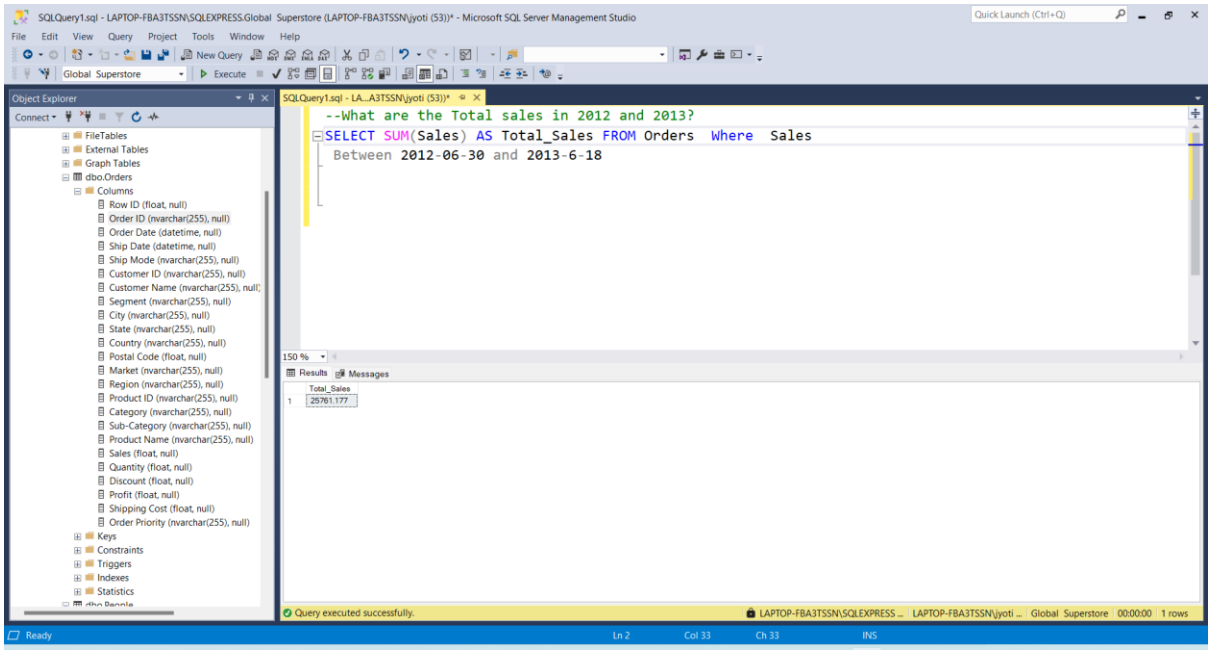
Q12. Which Category have the highest rate of returned orders ?

ANS. SELECT [Category],COUNT (returned) AS Highest_Returned_Rate FROM orders INNER JOIN Returned ON orders [Orders ID] =returns.[orders ID] GROUP BY Category;



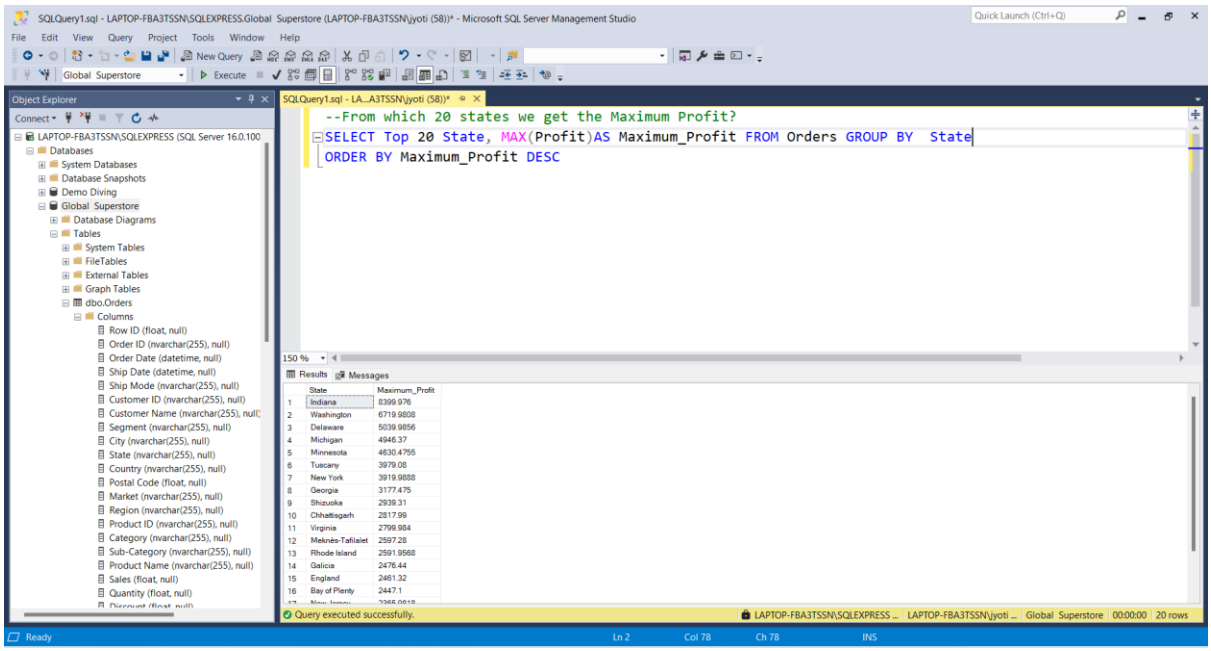
Q13.What are the Total Sales in 2012 and 2013 ?

ANS. SELECT SUM(Sales) AS Total_Sales FROM orders WHERE sales BETWEEN 2012-06-30 and 2013-06-18;



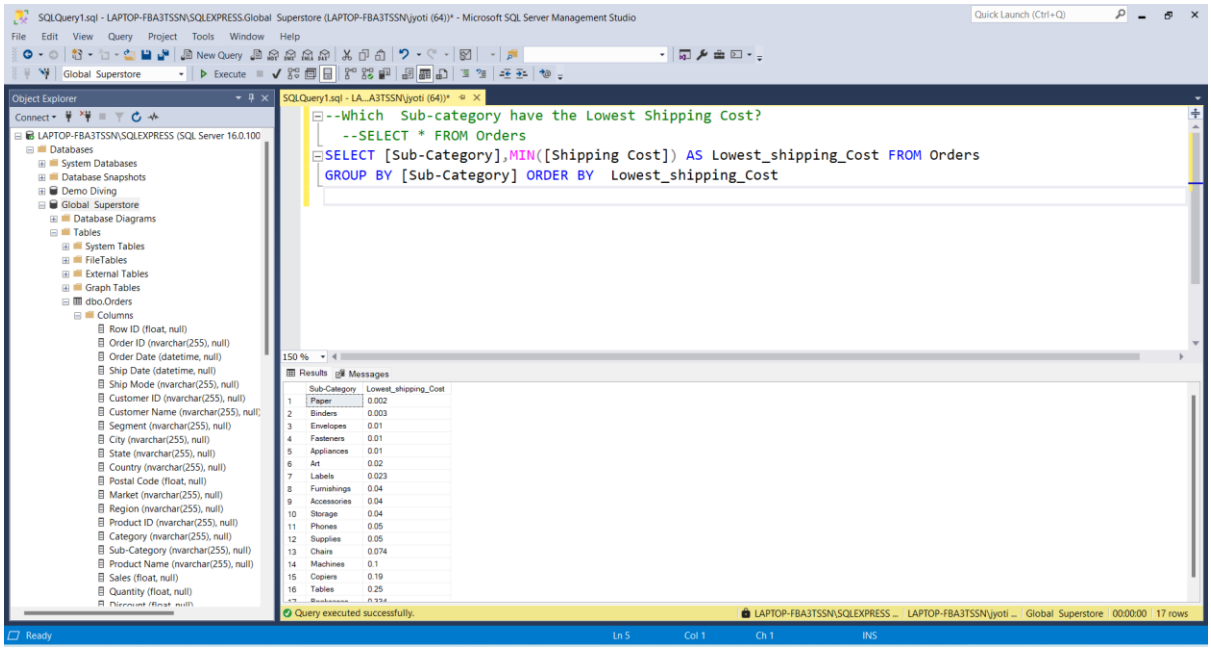
Q14. From which 20 States we get the Maximum Profit?

ANS. SELECT Top 20 States, MAX(Profit) AS Maximum_Profit FROM GROUP BY ;



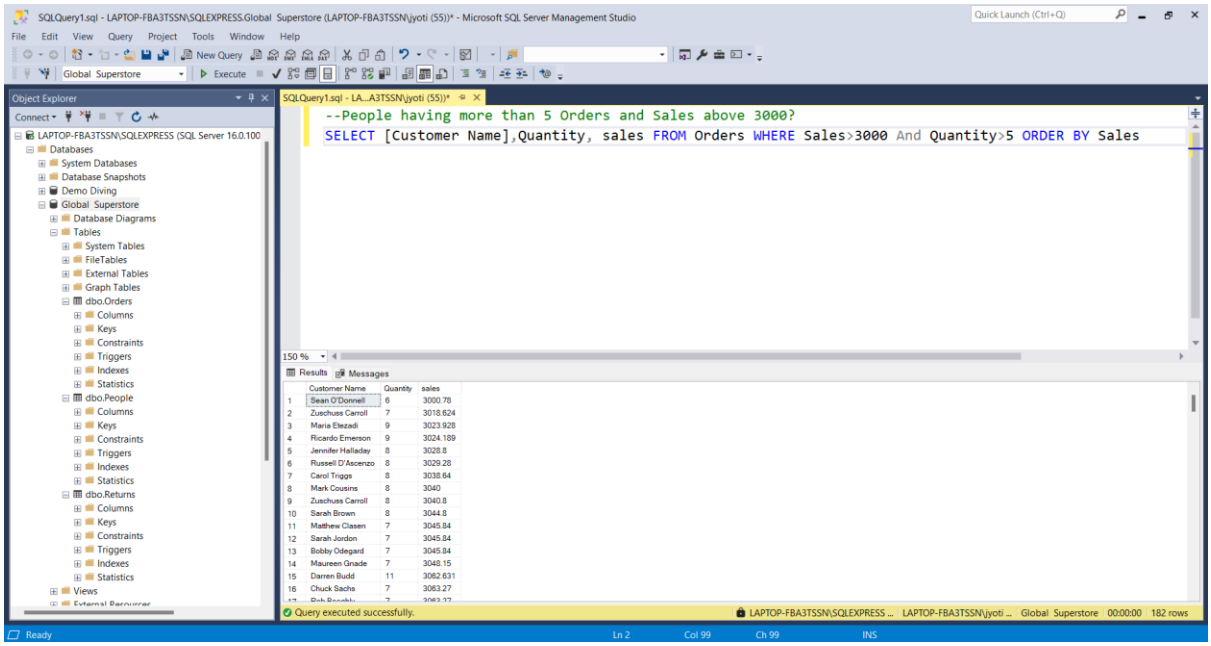
Q15. Which Sub-Category have the lowest Shipping Cost ?

ANS. SELECT [Sub-Category] MIN (Shipping Cost) AS Lowest_Shipping_Cost FROM orders GROUP BY [Sub -Category] Orders BY Lowest_Shipping_Cost;



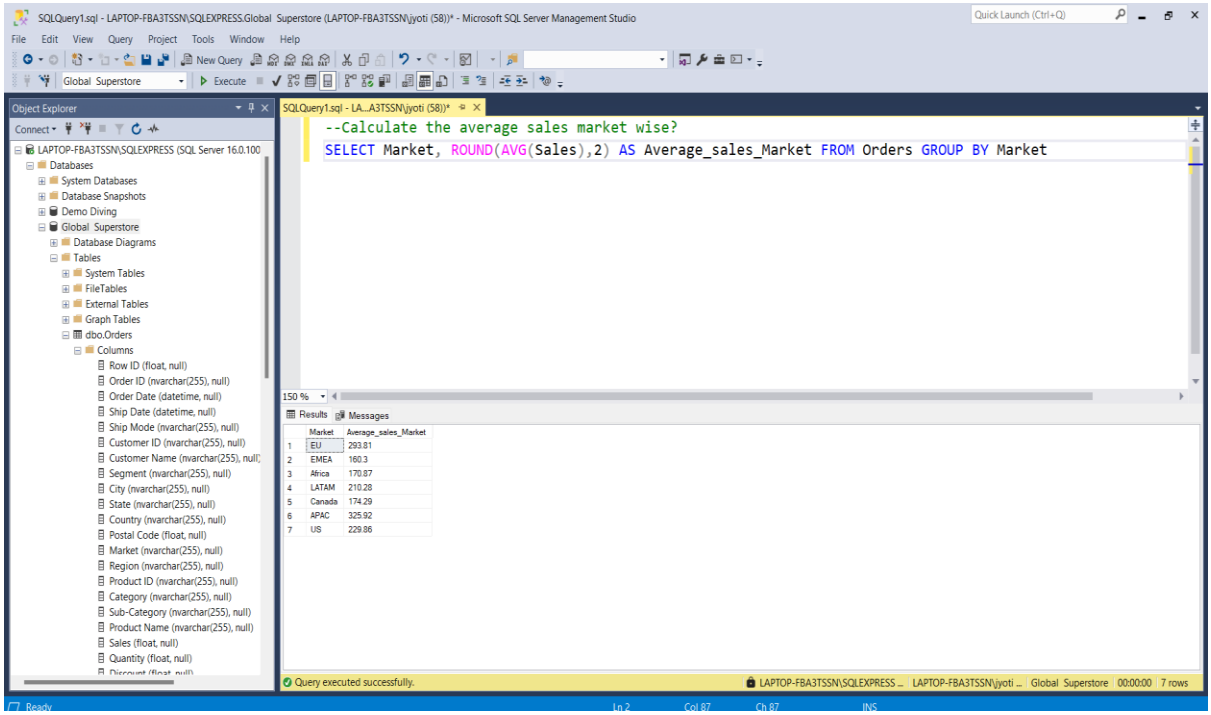
Q16. People having more than 5 orders and sales above 3000 ?

ANS. SELECT [Customer Name], Quantity, sales FROM orders WHERE Sales >3000 And Quantity >5 ORDERS BY Sales;



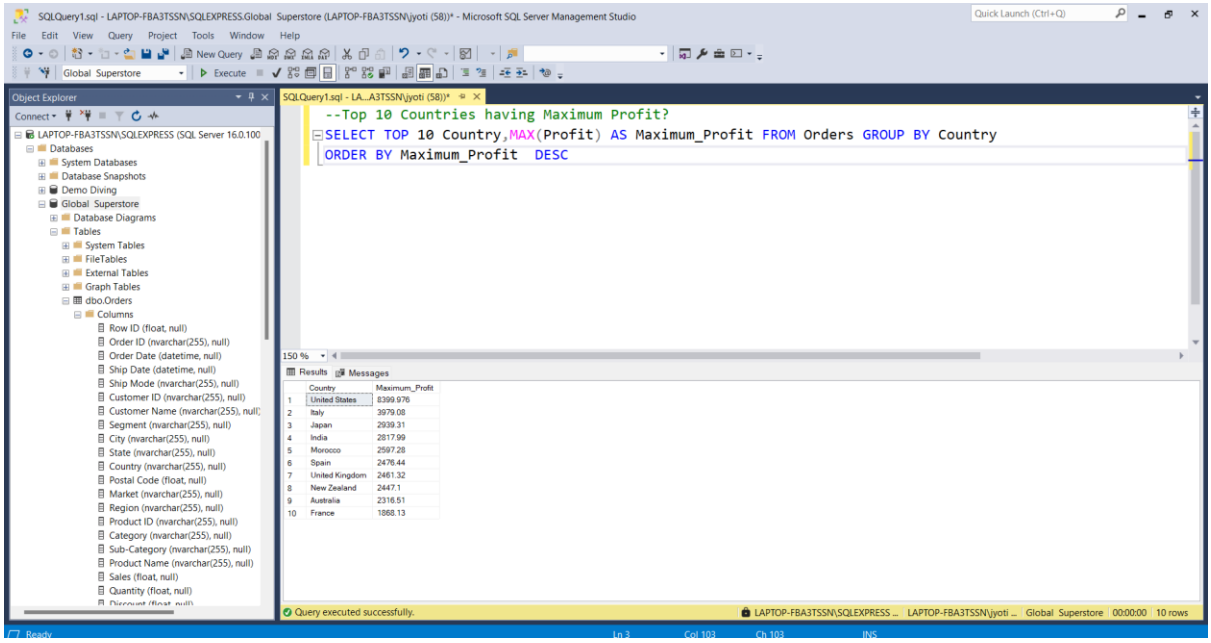
Q17.Calculate the average sales market wise ?

ANS. SELECT Market, ROUND(AVG(Sales),2) AS Average_sales_Market FROM orders GROUP BY Market;



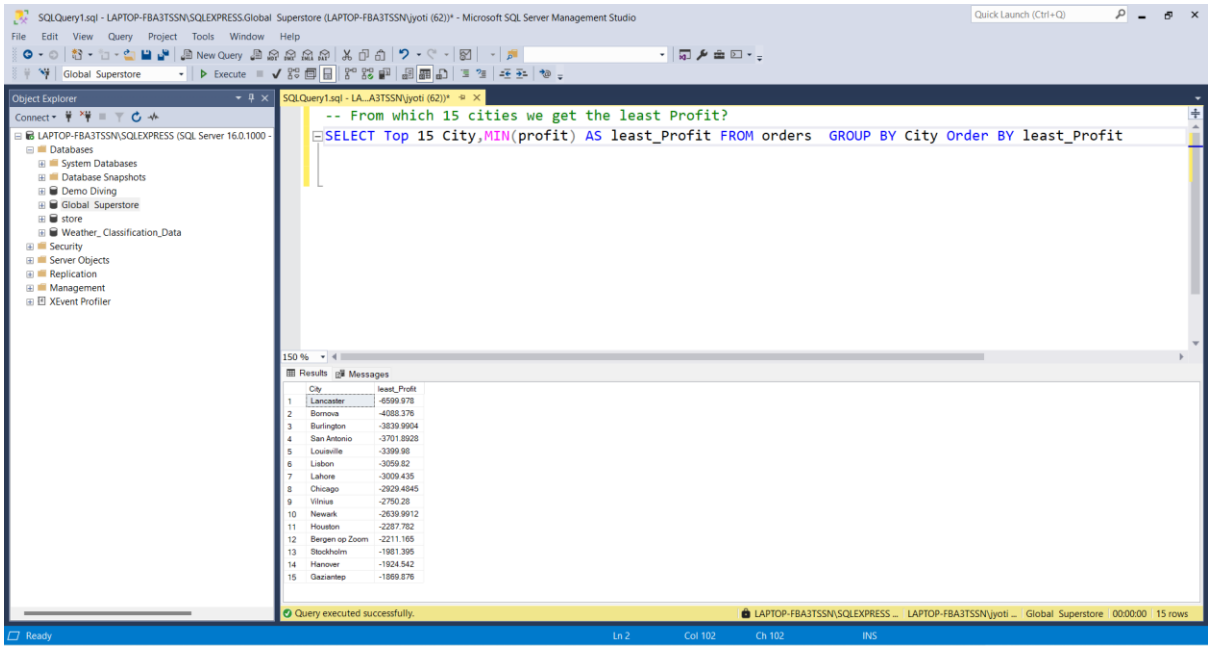
Q18. **Which top 10 Countries having Maximum Profit?**

ANS. SELECT TOP 10 Country, MAX(Profit) AS Maximum_Profit FROM Orders GROUP BY Country ORDER BY Maximum_Profit DESC;



Q19. From which 15 cities we get the least Profit?

ANS. SELECT Top 15 city,MIN(Profit) AS least_Profit FROM orders GROUP BY Order BY least_Profit;



Q20. How Many Customers are giving sales more than average?

ANS. SELECT COUNT([Customer Name]) As Total_Customers FROM Orders WHERE sales> = (SELECT AVG(Sales) FROM orders);