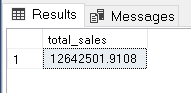
**Global Super Store Sales Analysis sql query**

**A.KPI’S**

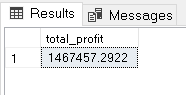
**1.Find the total sales:**

select sum(sales)as total\_sales from orders;



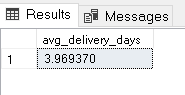
**2.Find the total profit:**

select sum(profit)as total\_profit from orders;



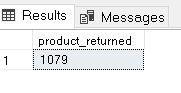
**3.Find the average delivery days:**

select avg(cast(datediff(day,order\_date,ship\_date)as decimal (10,2)))avg\_delivery\_days from orders;



**4.Find the total product returned:**

select count(returned)as product\_returned from returns;

****

**5.Find the YOY growth percentage:**

WITH sales\_detail AS (

SELECT

YEAR(order\_date) AS OrderYear,

SUM(sales) AS TotalSales

FROM orders

GROUP BY YEAR(order\_date)

)

SELECT

s1.OrderYear AS CurrentYear,

s1.TotalSales AS CurrentYearSales,

s2.OrderYear AS PreviousYear,

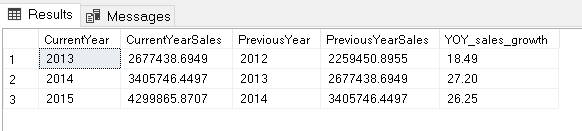
s2.TotalSales AS PreviousYearSales,

ROUND(((s1.TotalSales - s2.TotalSales) / s2.TotalSales) \* 100, 2) AS YOY\_sales\_growth

FROM sales\_detail s1

JOIN sales\_detail s2 ON s1.OrderYear = s2.OrderYear + 1

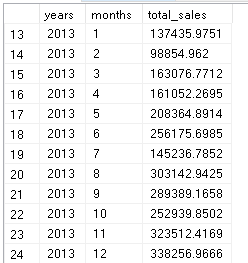
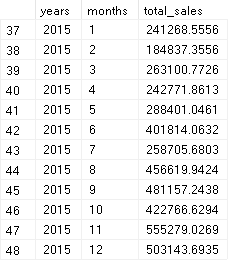
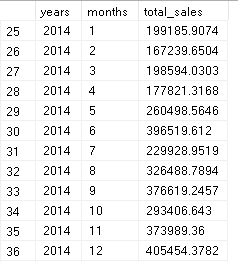
order by CurrentYear asc;



**B.LINE CHART**

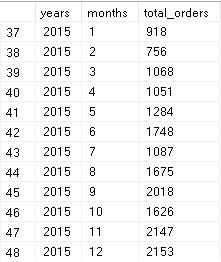
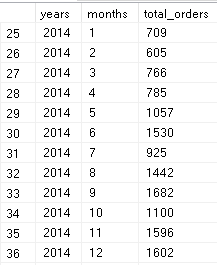
**1.Find the total sales trends months wise:**

select year(order\_date)as years,month(order\_date)as months,sum(sales)as total\_sales from orders group by year(order\_date),month(order\_date)order by years,months asc;

****

**2.Find the total orders trends months wise:**

select year(order\_date)as years,month(order\_date)as months,count(order\_id)as total\_orders from orders group by year(order\_date),month(order\_date)order by years,months asc;

****

**C.CLUSTERED COLUMN CHART**

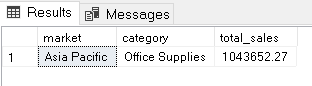
**1.Find the total sales by market and category.** (market is Asia Pecific and category is furniture)

select market,category,round(sum(sales),2)as total\_sales from orders where market='Asia Pacific' and category='furniture' group by market,category;

****

**Find the total sales by market and category.** (Market is Asia Pecific and Category is OfficeSupplies)

select market,category,round(sum(sales),2)as total\_sales from orders where market='Asia Pacific' and category='Office Supplies' group by market,category;



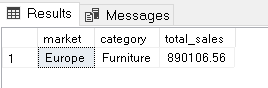
**Find the total sales by market and category.** (Market is Asia Pecific and Category is Technology)

select market,category,round(sum(sales),2)as total\_sales from orders where market='Asia Pacific' and category='Technology' group by market,category;



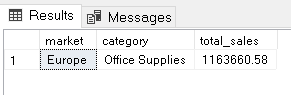
**2.Find the total sales by market and category.**(Market is Europe and Category is Furniture)

select market,category,round(sum(sales),2)as total\_sales from orders where market='Europe' and category='furniture' group by market,category;



**Find the total sales by market and category.** (Market is Europe and Category is OfficeSupplies)

select market,category,round(sum(sales),2)as total\_sales from orders where market='Europe' and category='Office Supplies' group by market,category;



**Find the total sales by market and category.** (Market is Europe and Category is Technology)

select market,category,round(sum(sales),2)as total\_sales from orders where market='Europe' and category='Technology' group by market,category;



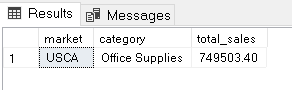
**3.Find the total sales by market and category.**(Market is USCA and Category is Furniture)

select market,category,round(sum(sales),2)as total\_sales from orders where market='USCA' and category='furniture' group by market,category;



**Find the total sales by market and category.**(Market is USCA and Category is OfficeSupplies)

select market,category,round(sum(sales),2)as total\_sales from orders where market='USCA' and category='Office Supplies' group by market,category;

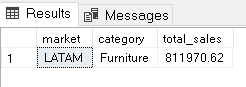


select market,category,round(sum(sales),2)as total\_sales from orders where market='USCA' and category='Technology' group by market,category;



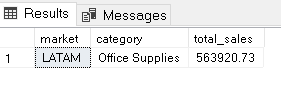
**4.Find the total sales by market and category.**(Market is Latam and Category is Furniture)

select market,category,round(sum(sales),2)as total\_sales from orders where market='Latam' and category='furniture' group by market,category;



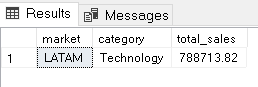
**Find the total sales by market and category.**(Market is Latam and Category is OfficeSupplies)

select market,category,round(sum(sales),2)as total\_sales from orders where market='Latam' and category='Office Supplies' group by market,category;



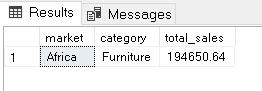
**Find the total sales by market and category.**(Market is Latam and Category is Technology)

select market,category,round(sum(sales),2)as total\_sales from orders where market='Latam' and category='Technology' group by market,category;



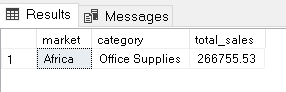
**5.Find the total sales by market and category.**(Market is Africa and Category is Furniture)

select market,category,round(sum(sales),2)as total\_sales from orders where market='Africa' and category='furniture' group by market,category;



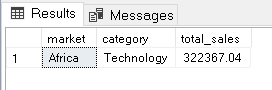
**Find the total sales by market and category.**(Market is Africa and Category is OfficeSupplies)

select market,category,round(sum(sales),2)as total\_sales from orders where market='Africa' and category='Office Supplies' group by market,category;



**Find the total sales by market and category.**(Market is Africa and Category is Technology)

select market,category,round(sum(sales),2)as total\_sales from orders where market='Africa' and category='technology' group by market,category;



**Total sales by sub-categories?**

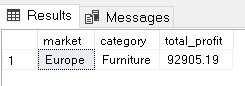
select sub\_category, round(sum(sales),2)as total\_sales from orders group by sub\_category order by total\_sales desc;



**D.CLUSTERED COLUMN CHART**

**1.Find the total profit by market and category.**(Market is Europe and Category is Furniture)

select market,category,round(sum(profit),2)as total\_profit from orders where market='europe' and category='furniture'group by market,category;



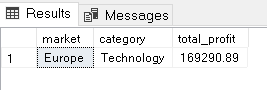
**Find the total profit by market and category.**(Market is Europe and Category is OfficeSupplies)

select market,category,round(sum(profit),2)as total\_profit from orders where market='europe' and category='Office Supplies'group by market,category;



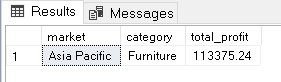
**Find the total profit by market and category.**(Market is Europe and Category is Technology)

select market,category,round(sum(profit),2)as total\_profit from orders where market='europe' and category='Technology'group by market,category;



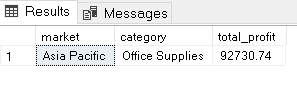
**2.Find the total profit by market and category.**(Market is Asia Pacific and Category is Furniture)

select market,category,round(sum(profit),2)as total\_profit from orders where market='asia pacific' and category='furniture'group by market,category;



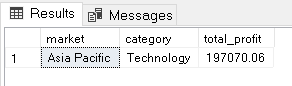
**Find the total profit by market and category.**(Market is Asia Pacific and Category is OfficeSupplies)

select market,category,round(sum(profit),2)as total\_profit from orders where market='Asia pacific' and category='Office Supplies'group by market,category;



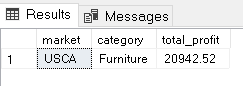
**Find the total profit by market and category.**(Market is Asia Pacific and Category is Technology)

select market,category,round(sum(profit),2)as total\_profit from orders where market='Asia pacific' and category='Technology'group by market,category;



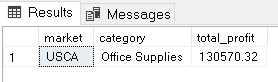
**3.Find the total profit by market and category.**(Market is USCA and Category is Furniture)

select market,category,round(sum(profit),2)as total\_profit from orders where market='USCA' and category='furniture'group by market,category;



**Find the total profit by market and category.**(Market is USCA and Category is OfficeSupplies)

select market,category,round(sum(profit),2)as total\_profit from orders where market='USCA' and category='Office supplies'group by market,category;



**Find the total profit by market and category.**(Market is USCA and Category is Technology)

select market,category,round(sum(profit),2)as total\_profit from orders where market='USCA' and category='Technology'group by market,category;



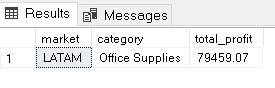
**4.Find the total profit by market and category.**(Market is Latam and Category is Furniture)

select market,category,round(sum(profit),2)as total\_profit from orders where market='Latam' and category='furniture'group by market,category;



**Find the total profit by market and category.**(Market is Latam and Category is OfficeSupplies)

select market,category,round(sum(profit),2)as total\_profit from orders where market='Latam' and category='Office Supplies'group by market,category;



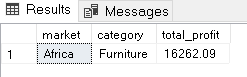
**Find the total profit by market and category.**(Market is Latam and Category is Technology)

select market,category,round(sum(profit),2)as total\_profit from orders where market='Latam' and category='Technology'group by market,category;



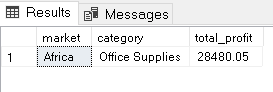
**5.Find the total profit by market and category.**(Market is Africa and Category is Furniture)

select market,category,round(sum(profit),2)as total\_profit from orders where market='Africa' and category='furniture'group by market,category;



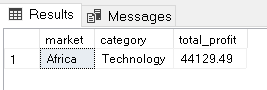
**Find the total profit by market and category.**(Market is Africa and Category is OfficeSupplies)

select market,category,round(sum(profit),2)as total\_profit from orders where market='Africa' and category='Office Supplies'group by market,category;



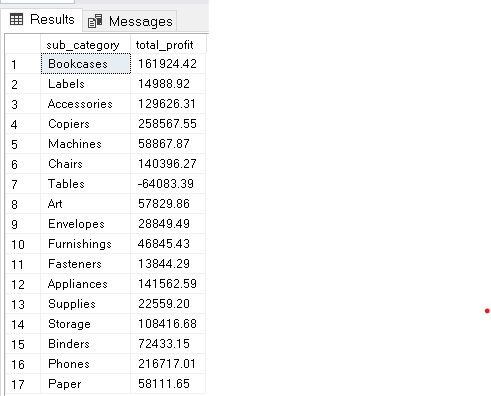
**Find the total profit by market and category.**(Market is Africa and Category is Technology)

select market,category,round(sum(profit),2)as total\_profit from orders where market='Africa' and category='Technology'group by market,category;



**Find the total sales by sub-categories.**

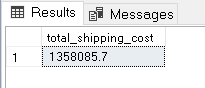
select sub\_category, round(sum(profit),2)as total\_profit from orders group by sub\_category;



**E.DONUT CHART**

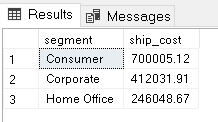
**1.Find total shipping cost:**

select round(sum(shipping\_cost),2)as total\_shipping\_cost from orders;

****

**2.Find the total shipping cost by segment:**

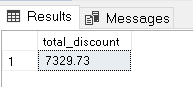
select segment,round(sum(shipping\_cost),2)as ship\_cost from orders group by segment;

****

**F.DONUT CHART**

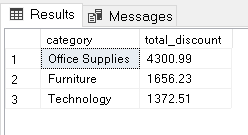
**1.Find the total discount:**

select round(sum(discount),2)as total\_discount from orders;



**2.Find the total discount by category:**

select category,round(sum(discount),2)as total\_discount from orders group by category;

****

**I.STACKED BAR CHART**

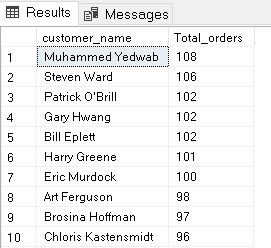
**1.Find the top 10 customer’s name with maximum orders:**

SELECT TOP 10 customer\_name, COUNT(order\_id) AS Total\_orders

FROM orders

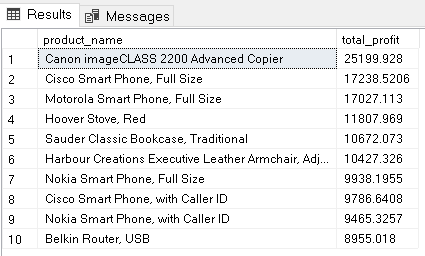
GROUP BY customer\_name

ORDER BY Total\_orders DESC;

****

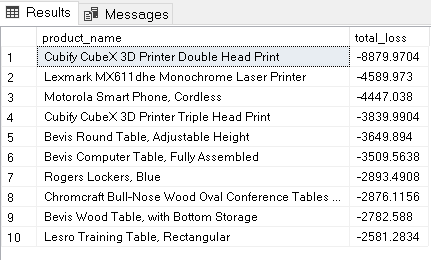
**2.Find the total profit by product name:**

select top 10 product\_name,sum(profit)as total\_profit from orders group by product\_name order by total\_profit desc;

****

**3.Find the total loss by product name:**

select top 10 product\_name,sum(profit)as total\_loss from orders group by product\_name order by total\_loss asc;

****