Q 1. find the total revenue, quantities and profit generated.

select sum(sales) as total_revenue

from superstore;

order priority	total_profit	avg_profit	total_orders
order priority	73509.69276000009	0	2294
order priority	46576.51983999997	0	1269
order priority	9776.8106799999997	0	286
order priority	4283.192999999999	0	135

Q 2. find the segment wise distribution of the sales.

SELECT segment,SUM(sales) AS total_sales FROM superstore

GROUP BY segment

ORDER BY total_sales DESC;

segment	total_sales
Consumer	624094.8519599998
Corporate	350747.61732000054
Home Office	199494.16700000007

Q3. find the top 3 most profitable products.

SELECT `Product Name`,SUM(`Profit`) AS Total_Profit

FROM superstore

GROUP BY `Product Name`

ORDER BY Total_Profit DESC;

Product Name	Total_Profit
Sauder Classic Bookcase, Metal	2978.3700000000003
Nokia Smart Phone, with Caller ID	2887.594
Novimex Executive Leather Armchair, Adjustable	2523.5519999999997

Q 4.how many orders are placed after January 2016.

SELECT COUNT(*) AS Total_Orders

FROM superstore

WHERE STR_TO_DATE(`Order Date`, '%d-%m-%Y') > '2016-01-31';

Total_Orders
2410

Q 5.How many states from australia are under the roof of business?

SELECT COUNT(DISTINCT State) AS Total_States

FROM superstore

WHERE Country = 'Australia';

Total_States
8

Q 6. which products and subcategories are most and least profitable ?
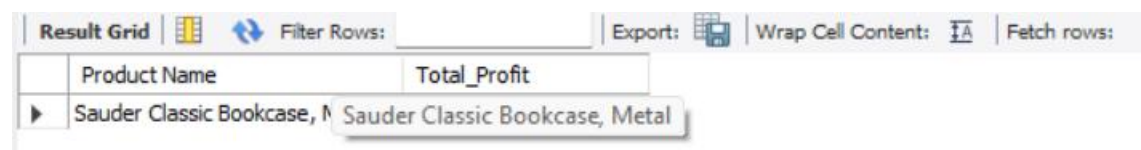
SELECT `Product Name`,SUM(`Profit`) AS Total_Profit

FROM superstore

GROUP BY `Product Name`

ORDER BY Total_Profit DESC

LIMIT 1;

Product Name	Total_Profit
Sauder Classic Bookcase, N Sauder Classic Bookcase, Metal	

Q 7. Which customer segment contributes the most to the total revenue?

SELECT `Segment`,SUM(`Sales`) AS Total_Revenue

FROM superstore

GROUP BY `Segment`

ORDER BY Total_Revenue DESC

LIMIT 1;

Segment	Total_Revenue
Consumer	624094.8519599998

Q 8.What is the year-over-year growth in sales and Profit?

SELECT YEAR(STR_TO_DATE(`Order Date`, '%d-%m-%Y')) AS Year,

SUM(`Sales`) AS Total_Sales,

SUM(`Profit`) AS Total_Profit

FROM superstore

GROUP BY Year

ORDER BY Year;

Year	Total_Sales	Total_Profit
2014	191180.61512000015	24989.545120000002
2015	253645.9569999 253645.95699999976	3997
2016	331950.63704000023	34228.79704000003
2017	397559.42712000024	41406.64712000003

Q 9.Which countries and cities are driving the highest sales?

-- Countries

SELECT `Country`,SUM(`Sales`) AS Total_Sales

FROM superstore

GROUP BY `Country`

ORDER BY Total_Sales DESC

Country	Total_Sales
Australia	925235.8530000002
Austria	92539.04999999999
Argentina	57511.78327999994
Algeria	36091.58999999999
Angola	25554.00000000001

Q 10.What is the average delivery time from order to ship date across regions?

SELECT `Region`,ROUND(AVG(DATEDIFF(STR_TO_DATE(`Ship Date`, '%d-%m-%Y'),STR_TO_DATE(`Order Date`, '%d-%m-%Y'))), 2) AS Avg_Delivery_Time_Days

FROM superstore

GROUP BY `Region`

ORDER BY Avg_Delivery_Time_Days ASC;

Region	Avg_Delivery_Time_Days
Western Asia	3.4 3.44
Southern Europe	3.63
South America	3.83
North Africa	3.85
Oceania	3.95
Western Europe	3.98

Result 34 ×

Q 11. what is the profit distribution across order priority?

select 'order priority',sum(profit) as total_profit, avg('profit') as avg_profit, count(*) as total_orders

from superstore

group by `Order Priority`

ORDER BY Total_Profit DESC;

order priority	total_profit	avg_profit	total_orders
order priority	73509.69276000009	0	2294
order priority	46576.51983999997	0	1269
order priority	9776.810679999997	0	286
order priority	4283.192999999999	0	135