

1.FIND THE TOTAL REVENUE GENERATED

SELECT

SUM(Sales) AS Total_Revenue

FROM

SUPERSTORE;

Result Grid		Filter Rows:	Export:
	Total_Revenue		
▶	1174336.6362799979		

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;

Result Grid		Filter Rows:	Ex
	Segment	Total_Sales	
▶	Consumer	624094.8519599998	
	Corporate	350747.61732000054	
	Home Office	199494.16700000007	

3. FIND THE TOP 3 MOST PROFITABLE PRODUCT

SELECT

'Product NAME',

SUM(Profit) AS Total_Profit

FROM

SUPERSTORE



GROUP BY

'Product NAME'

ORDER BY

Total_Profit DESC

LIMIT 3;

Result Grid   Filter Rows: <input type="text"/>		
	Product NAME	Total_Profit
▶	Product NAME	134146.21628000017

4. HOW MANY ORDERS ARE PLACED AFTER JANUARY 2016

SELECT



COUNT(DISTINCT 'Order ID') AS Orders_After_Jan_2016

FROM

SUPERSTORE

WHERE

'Order Date' > '2016-01-31';

Result Grid   Filter Rows: <input type="text"/>	
	Orders_After_Jan_2016
▶	1

5. HOW MANY STATES FROM MEXICO ARE UNDER THE ROOF OF BUSNIESS

SELECT

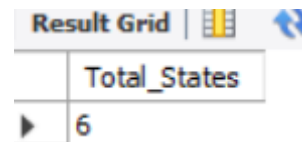
COUNT(DISTINCT State) AS Total_States_In_Mexico

FROM

SUPERSTORE

WHERE

Country = 'AUSTRIA';



Result Grid	
	Total_States
▶	6

6. WHICH PRODUCT AND SUBCATEGORIES ARE MOST AND LEAST PROFITABLE

(SELECT

`Product Name`, `Sub-Category`,

SUM(Profit) AS Total_Profit

FROM

SUPERSTORE

GROUP BY

`Product Name`, `Sub-Category`

ORDER BY




Total_Profit DESC

LIMIT 1)

```

union all
(
SELECT
    `Product Name`, `Sub-Category`,
    SUM(Profit) AS Total_Profit
FROM
    SUPERSTORE
GROUP BY
    `Product Name`, `Sub-Category`
ORDER BY
    Total_Profit ASC
LIMIT 1);

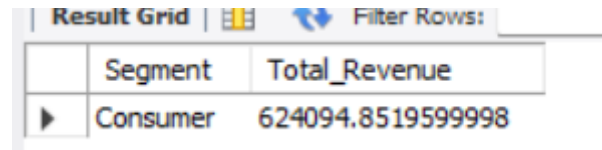
```

Result Grid	 Filter Rows: <input type="text"/>	Export: 	Wrap Cell Content: 
	Product Name	Sub-Category	Total_Profit
▶	Sauder Classic Bookcase, Metal	Bookcases	2978.3700000000003
	Ikea Library with Doors, Traditional	Bookcases	-1748.1749999999997

7. WHICH CUSTOMER SEGMENT CONTRIBUTE 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;
```



The screenshot shows a 'Result Grid' window with a 'Filter Rows' button. It displays a single row of data with two columns: 'Segment' and 'Total_Revenue'. The 'Segment' column has a value of 'Consumer' and the 'Total_Revenue' column has a value of '624094.8519599998'.

	Segment	Total_Revenue
▶	Consumer	624094.8519599998

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

```
SELECT  
YEAR('Order Date') as year ,  
SUM(Sales) AS Total_Sales,  
SUM(Profit) AS Total_Profit,  
ROUND(
```

```

(SUM(Sales) - LAG(SUM(Sales)) OVER (ORDER BY YEAR(` Order Date ` )))
* 1000, 2
) AS Sales_Growth_Percent,
ROUND(
(SUM(Profit) - LAG(SUM(Profit)) OVER (ORDER BY YEAR(` Order Date ` )))
/ NULLIF(LAG(SUM(Profit)) OVER (ORDER BY YEAR('Order Date')), 2) * 1000, 2
) AS Profit_Growth_Percent
FROM superstore
GROUP BY YEAR(` Order Date ` )
ORDER BY Year(` Order Date ` );

```

	year	Total_Sales	Total_Profit	Sales_Growth_Percent	Profit_Growth_Percent
▶	NULL	1174336.6362799979	134146.21628000017	NULL	NULL

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

```

SELECT
Country,
City,
SUM(Sales) AS Total_Sales

```

FROM

superstore

GROUP BY

Country, City

ORDER BY

Total_Sales DESC;

Result Grid				Filter Rows:	Export:	Wrap Cell Content:
	Country	City	Total_Sales			
	Australia	Melbourne	73843.54799999994			
	Australia	Gold Coast	72626.922000000005			
	Australia	Perth	64292.20199999997			
	Austria	Vienna	62023.530000000002			
	Australia	Adelaide	57896.711999999999			
	Australia	Newcastle	46055.093999999999			
	Australia	Wollongong	42247.185			
	Australia	Canberra	33162.81			
	Australia	Geelong	30997.0260000000023			
	Argentina	Buenos Aires	28576.474439999984			
	Australia	Caloundra	17542.881			

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

SELECT

Region,


```

ROUND(AVG(DATEDIFF('Ship Date', 'Order Date')), 2) AS Avg_Days
FROM
    SUPERSTORE
GROUP BY
    Region
ORDER BY
    Avg_Days ASC;

```

Result Grid			Filter Rows:
	Region	Avg_Day	
▶	Southern Asia	NULL	
	Southern Europe	NULL	
	North Africa	NULL	
	Central Africa	NULL	
	South America	NULL	
	Western Asia	NULL	
	Oceania	NULL	
	Western Europe	NULL	

11. what is the profit distribution across order priority?

```

SELECT
    `Order Priority`,
    SUM(Profit) AS Total_Profit,
    ROUND(AVG(Profit), 2) AS Avg_Profit,
    ROUND(SUM(Profit) * 100.0 / (SELECT SUM(Profit) FROM SUPERSTORE), 2) AS Percentage
FROM
    SUPERSTORE
GROUP BY
    `Order Priority`
ORDER BY
    Total_Profit DESC;

```






	Order Priority	Total_Profit	Avg_Profit	Percentage
►	Medium	73509.69276000009	32.04	54.8
	High	46576.519839999997	36.7	34.72
	Critical	9776.810679999997	34.18	7.29
	Low	4283.192999999999	31.73	3.19

12. Suggest data-driven recommendations for improving profit and reducing losses.

```

SELECT
'Category',
'Sub-Category',
'Product Name',
SUM(Sales) AS Total_Sales,
SUM(Profit) AS Total_Profit,
AVG(Discount) AS Avg_Discount
FROM superstore
GROUP BY 'Category', 'Sub-Category' , 'Product Name'
HAVING SUM(Profit) < 5 OR SUM(Profit) < 5.05 * SUM(Sales)
ORDER BY Total_Profit ASC;

```

Result Grid   Filter Rows: <input type="text"/> Export:  Wrap Cell Content:  Fetch rows: 						
	Category	Sub-Category	Product Name	Total_Sales	Total_Profit	Avg_Discount
▶	Furniture	Bookcases	Ikea Library with Doors, Traditional	6359.324999999999	-1748.1749999999997	0.0000
	Technology	Machines	Panasonic Inkjet, Red	2226.528	-1410.192	0.0000
	Furniture	Tables	Chromcraft Conference Table, with Bottom Stor...	2356.209	-1335.291	0.5000
	Furniture	Tables	Bevis Wood Table, with Bottom Storage	3361.743	-1056.807	0.0000
	Furniture	Tables	Lesro Wood Table, Adjustable Height	2301.138	-953.442	0.0000
	Furniture	Bookcases	Safco Classic Bookcase, Pine	2768.8500000000004	-909.9	0.0000
	Furniture	Bookcases	Bush Library with Doors, Pine	2267.154	-872.886	0.0000
	Furniture	Tables	Chromcraft Round Table, Rectangular	464.67	-836.43	1.0000
	Furniture	Chairs	Office Star Executive Leather Armchair, Black	1682.748	-813.492	0.0000
	Furniture	Tables	Lesro Conference Table, Adjustable Height	515.862	-773.838	1.0000
	Furniture	Tables	Barricks Round Table, Adjustable Height	402.96	-725.36	1.0000
	Technology	Machines	Okidata Printer, Durable	1450.548	-652.752	0.0000
	Furniture	Tables	Chromcraft Round Table, Fully Assembled	2951.991	-632.799	0.0000
	Furniture	Chairs	Office Star Swivel Stool, Adjustable	3546.243	-630.207	0.0000
	Furniture	Chairs	Novimex Executive Leather Armchair, Black	8746.845	-624.915	0.0000

