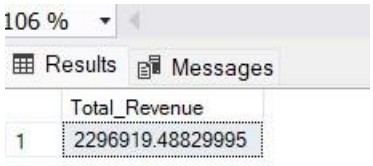
SUPERSTORE SALES SQL QUERIES

A. KPI'S

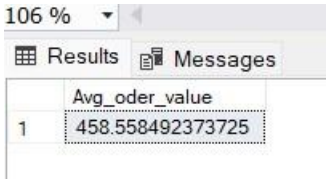
1. Total Revenue:

```
SELECT SUM(Sales) AS Total_Revenue
from superstore
```



2. Average Order Value

```
SELECT SUM(Sales)  / COUNT(DISTINCT[Order ID]) AS Avg_oder_value from
superstore
```

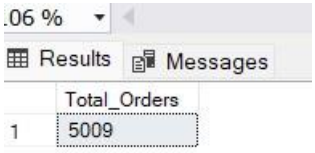


3. Total Itmes Sold

```
SELECT SUM(Quantity) As Total_items_sold from superstore
```

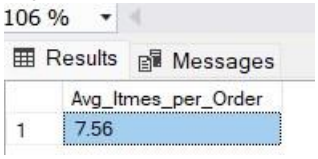
4. Total Orders

```
SELECT COUNT(DISTINCT[Order ID]) As Total_Orders from superstore
```



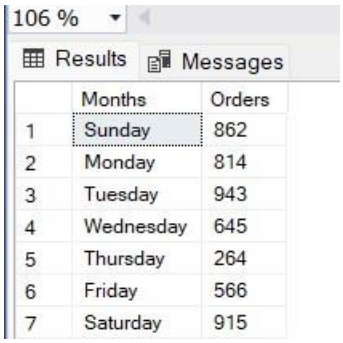
5. Average Category per Order

```
SELECT CAST(CAST(SUM(Quantity)AS decimal (10,2) )
       / CAST(COUNT(DISTINCT[order ID])AS DECIMAL (10,2)) AS DECIMAL (10,2))
Avg_Itmes_per_Order from
superstore
```



6. Daily Trend for Total Orders

```
SELECT DATENAME(DW,[Order Date]) AS Months , COUNT(DISTINCT[Order ID]) AS
Orders from superstore
group by  DATEPART(DW , [Order Date]), DATENAME(DW , [Order Date])
Order by DATEPART(DW,[Order Date])
```



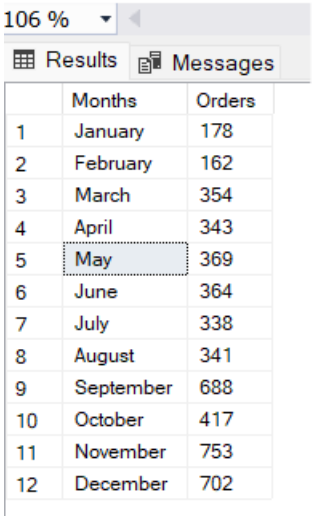
106 %

Results | Messages

	Months	Orders
1	Sunday	862
2	Monday	814
3	Tuesday	943
4	Wednesday	645
5	Thursday	264
6	Friday	566
7	Saturday	915

7. Monthly Trends for Total Orders

```
SELECT DATENAME(MONTH,[Order Date]) AS Months , COUNT(DISTINCT[Order ID]) AS
Orders from superstore
group by MONTH([Order Date]) , DATENAME(MONTH , [Order Date])
Order by MONTH([Order Date])
```



106 %

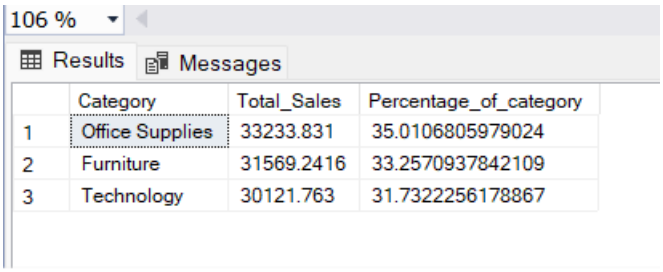
Results | Messages

	Months	Orders
1	January	178
2	February	162
3	March	354
4	April	343
5	May	369
6	June	364
7	July	338
8	August	341
9	September	688
10	October	417
11	November	753
12	December	702

8. Percentage of Sales by itmes category

```
SELECT Category
```

```
      ,SUM(Sales) As Total_Sales
      ,SUM(Sales) * 100 / (SELECT SUM(Sales) from Superstore Where MONTH([Order
Date]) =1) AS Percentage_of_category from
superstore
Where MONTH([Order Date]) =1
Group by Category
```



106 %

Results | Messages

	Category	Total_Sales	Percentage_of_category
1	Office Supplies	33233.831	35.0106805979024
2	Furniture	31569.2416	33.2570937842109
3	Technology	30121.763	31.7322256178867

9. Percentage of Sales by Segments

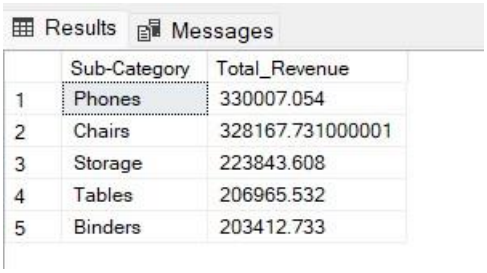
```
SELECT Segment
      ,CAST(SUM(Sales) AS DECIMAL(10,2)) As Total_Sales
      ,CAST(SUM(Sales) * 100 / (SELECT SUM(Sales) from Superstore  ) AS DECIMAL
(10,2)) AS Percentage_of_category
from superstore Group
by Segment
```

Results | Messages

	Segment	Total_Sales	Percentage_of_category
1	Corporate	706146.37	30.74
2	Home Office	429371.78	18.69
3	Consumer	1161401.34	50.56

10. Top 5 Sold Category by Revenue

```
SELECT Top 5 ([Sub-Category])
,SUM(Sales) AS Total_Revenue
from superstore Group by
([Sub-Category])
Order by (Total_Revenue) DESC
```



Results | Messages

	Sub-Category	Total_Revenue
1	Phones	330007.054
2	Chairs	328167.731000001
3	Storage	223843.608
4	Tables	206965.532
5	Binders	203412.733

11. Bottom 5 Sold Category by Revenue

```
SELECT Top 5 ([Sub-Category])
      ,SUM(Sales) AS
Total_Revenue from superstore
Group by ([Sub-Category])
Order by (Total_Revenue) ASC
```

Results Messages

	Sub-Category	Total_Revenue
1	Fasteners	3024.28
2	Labels	12486.312
3	Envelopes	16476.402
4	Art	27118.792
5	Supplies	46673.538

12. Top 5 Category by quantity

```
SELECT Top 5 ([Sub-Category])
,SUM(Quantity) AS Total_Quantity from
superstore Group by ([Sub-Category])
Order by (Total_Quantity) DESC
```

	Sub-Category	Total_Quantity
1	Binders	5974
2	Paper	5178
3	Furnishings	3563
4	Phones	3289
5	Storage	3158

13. Bottom 5 Category by quantity

```
SELECT Top 5 ([Sub-Category])
,SUM(Quantity) AS Total_Quantity from
superstore Group by ([Sub-Category])
Order by (Total_Quantity) ASC
```

	Sub-Category	Total_Quantity
1	Copiers	234
2	Machines	440
3	Supplies	647
4	Bookcases	868
5	Envelopes	906

14. Top 5 Category by Total Orders

```
SELECT Top 5 ([Sub-Category])
      ,COUNT(DISTINCT[Order ID]) AS Total_Orders
```

```
from superstore Group by
([Sub-Category])
Order by (Total_Orders) DESC
```

Results | Messages

	Sub-Category	Total_Orders
1	Binders	1316
2	Paper	1191
3	Furnishings	877
4	Phones	814
5	Storage	777

15. Bottom 5 Category by Total Orders

```
SELECT Top 5 ([Sub-Category])
       ,COUNT(DISTINCT[Order ID]) AS Total_Orders
from superstore Group by
([Sub-Category])
Order by (Total_Orders) ASC
```

Results | Messages

	Sub-Category	Total_Orders
1	Copiers	68
2	Machines	112
3	Supplies	187
4	Fasteners	215
5	Bookcases	224