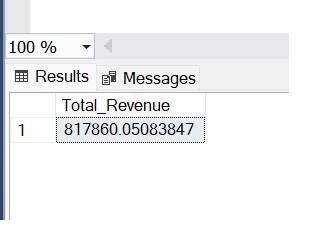
**PIZZA SELLS SQL QUERIES**

1. **KPI’S**
2. **Total Revenue**

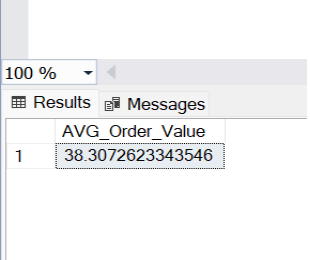
SELECT SUM(total\_price) AS Total\_Revenue FROM pizza\_sales



**2. Average Order Value**

SELECT SUM(total\_price)/ COUNT(DISTINCT order\_id) AS AVG\_Order\_Value

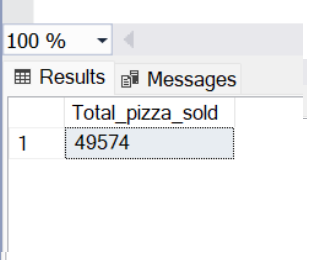
FROM pizza\_sales



**3.Total Pizzas Sold**

SELECT SUM(quantity) AS Total\_pizza\_sold

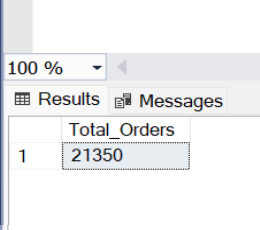
FROM pizza\_sales



1. **Total Orders**

SELECT COUNT(Distinct order\_id) AS Total\_Orders

FROM pizza\_sales

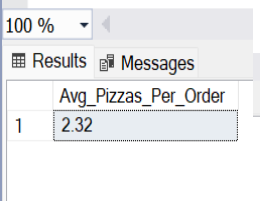


1. **Average Pizzas Per Order**

SELECT CAST(CAST(SUM(quantity) AS DECIMAL(10,2))/

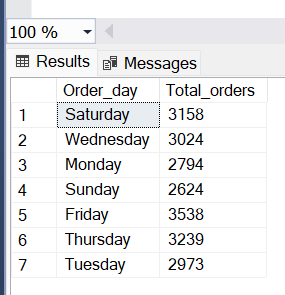
CAST(COUNT(DISTINCT order\_id) AS DECIMAL(10,2))

AS DECIMAL(10,2)) Avg\_Pizzas\_Per\_Order FROM pizza\_sales



1. **Daily Trend for Total Orders**

SELECT DATENAME(DW ,order\_date) AS Order\_day , COUNT(DISTINCT order\_id) AS Total\_orders FROM pizza\_sales GROUP BY DATENAME(DW ,order\_date)



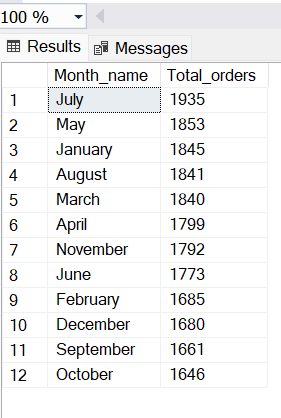
1. **Monthly Trend for Total Orders**

SELECT DATENAME(MONTH,order\_date) AS Month\_name , COUNT(DISTINCT order\_id) AS Total\_orders

FROM pizza\_sales

GROUP BY DATENAME(MONTH,order\_date)

ORDER BY Total\_orders DESC



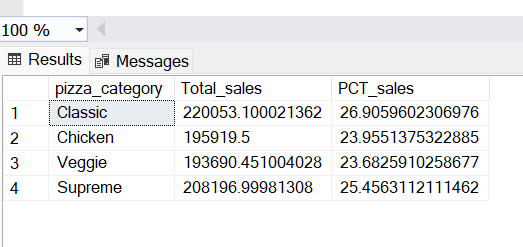
1. **% of Sales by Pizza Category**

SELECT pizza\_category, sum(total\_price) AS Total\_sales,

sum(total\_price) \*100 / (SELECT sum(total\_price) FROM pizza\_sales) AS PCT\_sales

FROM pizza\_sales

GROUP BY pizza\_category



**Filter For first month :**

SELECT pizza\_category, sum(total\_price) AS Total\_sales,

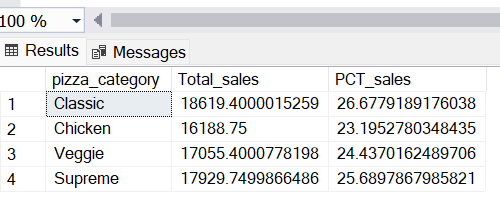
sum(total\_price) \*100 / (SELECT sum(total\_price) FROM pizza\_sales

WHERE MONTH(order\_date)=1) AS PCT\_sales

FROM pizza\_sales

WHERE MONTH(order\_date)=1

GROUP BY pizza\_category



**E. % of Sales by Pizza Size**

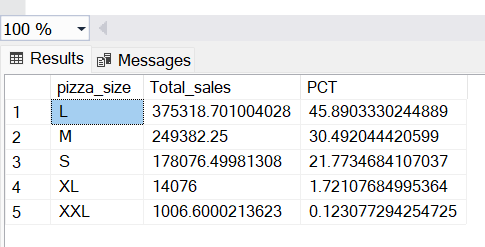
SELECT pizza\_size, sum(total\_price) AS Total\_sales,

sum(total\_price) \*100 / (SELECT sum(total\_price) FROM pizza\_sales) AS PCT

FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY PCT DESC



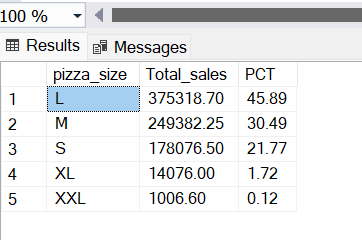
SELECT pizza\_size, CAST(sum(total\_price) AS DECIMAL(10,2))AS Total\_sales,

CAST(sum(total\_price) \*100 / (SELECT sum(total\_price) FROM pizza\_sales) AS decimal(10,2) )AS PCT

FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY PCT DESC



SELECT pizza\_size, CAST(sum(total\_price) AS DECIMAL(10,2)) AS Total\_sales,

CAST(sum(total\_price) \*100 / (SELECT sum(total\_price) FROM pizza\_sales WHERE DATEPART(quarter , order\_date)=1 )

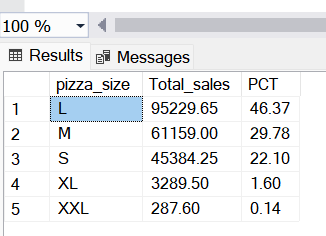
AS decimal(10,2) ) AS PCT

FROM pizza\_sales

WHERE DATEPART(quarter , order\_date)=1

GROUP BY pizza\_size

ORDER BY PCT DESC



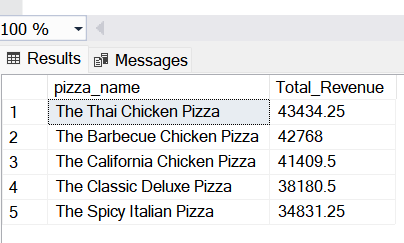
**F.Total Pizzas Sold by Pizza Category**

**G.Top 5 Pizzas by Revenue**

SELECT TOP 5 pizza\_name, SUM(total\_price) AS Total\_Revenue FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC

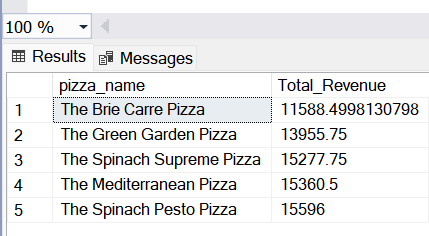


1. **Bottom 5 Pizzas by Revenue**

SELECT TOP 5 pizza\_name, SUM(total\_price) AS Total\_Revenue FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue ASC

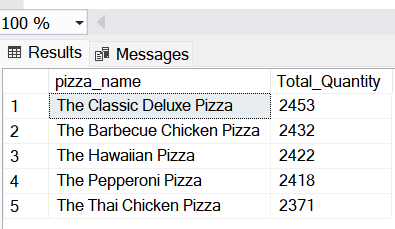


**I.Top 5 Pizzas by Quantity**

SELECT TOP 5 pizza\_name, SUM(quantity) AS Total\_Quantity FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Quantity DESC

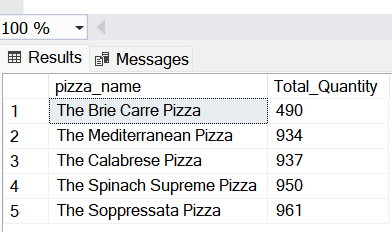


**J.Bottom 5 Pizzas by Quantity**

SELECT TOP 5 pizza\_name, SUM(quantity) AS Total\_Quantity FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Quantity ASC

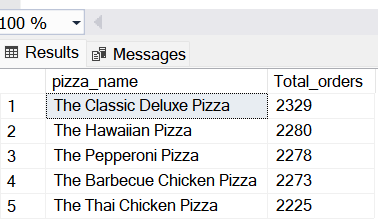


**K.Top 5 Pizzas by Total Orders**

SELECT TOP 5 pizza\_name, COUNT(DISTINCT order\_id) as Total\_orders FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_orders DESC

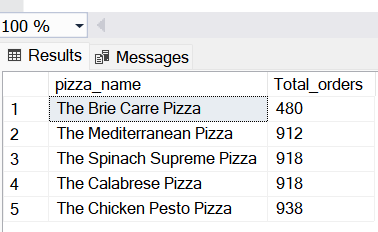


**L.Bottom 5 Pizzas by Total Orders**

SELECT TOP 5 pizza\_name, COUNT(DISTINCT order\_id) as Total\_orders FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_orders ASC



***NOTE***

If you want to apply the pizza\_category or pizza\_size filters to the above queries you can use WHERE clause. Follow some of below examples

SELECT Top 5 pizza\_name, COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

WHERE pizza\_category = 'Classic'

GROUP BY pizza\_name

ORDER BY Total\_Orders ASC