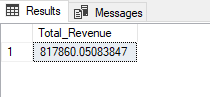
**PIZZA SALES SQL QUERIES**

1. **KPI’s**
2. **Total Revenue**

SELECT SUM(total\_price) AS Total\_Revenue

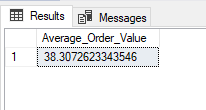
FROM pizza\_sales



1. **Average Order Value**

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

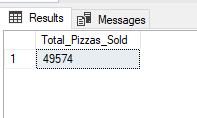
FROM pizza\_sales



1. **Total Pizzas Sold**

SELECT SUM(quantity) AS Total\_Pizzas\_Sold

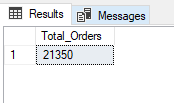
FROM pizza\_sales



1. **Total Orders**

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

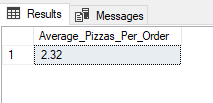
FROM pizza\_sales

****

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)) AS Average\_Pizzas\_Per\_Order

FROM pizza\_sales



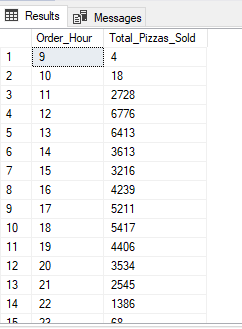
1. **CHARTS REQUIREMENTS**
2. **Hourly Trends for Total Pizzas Sold**

SELECT DATEPART(HOUR, order\_time) AS Order\_Hour, SUM(quantity) as Total\_Pizzas\_Sold

FROM pizza\_sales

GROUP BY DATEPART(HOUR, order\_time)

ORDER BY DATEPART(HOUR, order\_time)



1. **Weekly Trends for Total Orders**

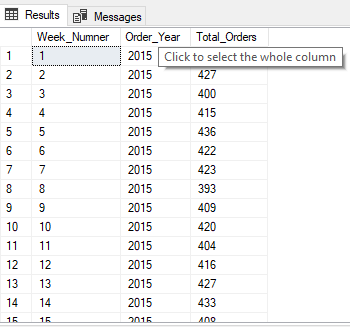
SELECT DATEPART(ISO\_WEEK, order\_date) AS Week\_Numner, YEAR(order\_date) AS Order\_Year,

COUNT(DISTINCT(order\_id)) AS Total\_Orders

FROM pizza\_sales

GROUP BY DATEPART(ISO\_WEEK, order\_date), YEAR(order\_date)

ORDER BY DATEPART(ISO\_WEEK, order\_date), YEAR(order\_date)



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

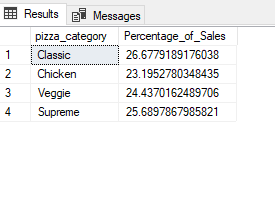
SELECT pizza\_category, SUM(total\_price)\*100 /

(SELECT SUM(total\_price) FROM Pizza\_DB.dbo.pizza\_sales WHERE MONTH(order\_date)=1) AS Percentage\_of\_Sales

FROM Pizza\_DB.dbo.pizza\_sales

WHERE MONTH(order\_date)=1 -- this clause means we are filtering the data to show only January

GROUP BY pizza\_category



1. **Percentage of Sales by Pizza Size**

SELECT pizza\_size, CAST(SUM(total\_price)\*100 /

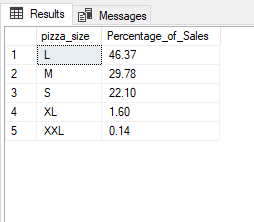
(SELECT SUM(total\_price) FROM Pizza\_DB.dbo.pizza\_sales WHERE DATEPART(quarter, order\_date) = 1) AS DECIMAL(10,2)) AS Percentage\_of\_Sales

FROM Pizza\_DB.dbo.pizza\_sales

WHERE DATEPART(quarter, order\_date) = 1

GROUP BY pizza\_size

ORDER BY Percentage\_of\_Sales DESC



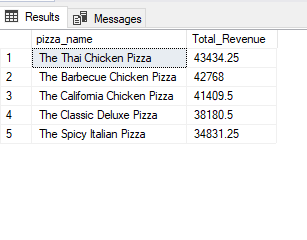
1. **Top 5 Best Sellers by Revenue, Total Quantity and Total Orders**

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

FROM Pizza\_DB.dbo.pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC



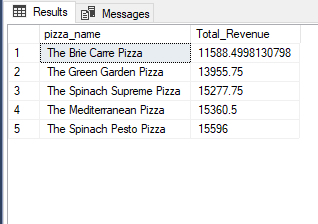
1. **Top 5 Best Sellers From Bottom**

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

FROM Pizza\_DB.dbo.pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue ASC



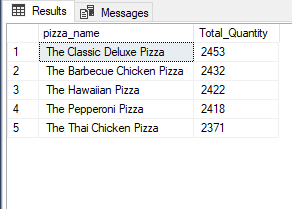
1. **Top 5 Best Sellers by Quantity**

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

FROM Pizza\_DB.dbo.pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Quantity DESC



1. **Top 5 Best Sellers From Bottom**

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

FROM Pizza\_DB.dbo.pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Quantity ASC

