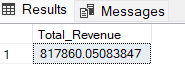
**Pizza Sales SQL Queries**

**KPI’s Requirement**

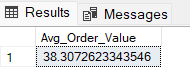
**1 Total Revenue:**

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



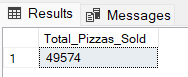
**2 Average Order Value:**

SELECT SUM(total\_price) / COUNT(DISTINCT order\_id) AS Avg\_Order\_Value FROM pizza\_sales



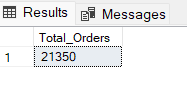
3 **Total Pizzas Sold:**

SELECT SUM(quantity) AS Total\_Pizzas\_Sold FROM pizza\_sales

****

**4 Total Orders:**

SELECT COUNT(DISTINCT order\_id) AS Total\_Orders FROM pizza\_sales

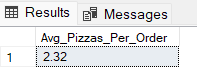
****

**5 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 Avg\_Pizzas\_Per\_Order FROM pizza\_sales



**Charts Requirement**

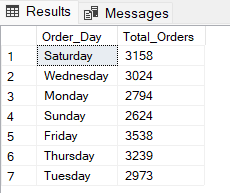
**1 Daily Trend for Total Orders:**

SELECT DATENAME(DW, order\_date) AS Order\_Day,

COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

GROUP BY DATENAME(DW, order\_date)



**2 Hourly Trend for Total Orders:**

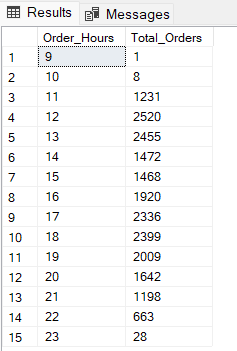
SELECT DATEPART(HOUR, order\_time) AS Order\_Hours,

COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

GROUP BY DATEPART(HOUR, order\_time)

ORDER BY DATEPART(HOUR, order\_time)



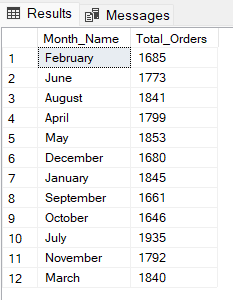
**3 Monthly Trend for Total Orders:**

SELECT DATENAME(MONTH, order\_date) AS Month\_Name,

COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

GROUP BY DATENAME(MONTH, order\_date)



**4 Percentage of Sales by Pizza Category:**

SELECT pizza\_category,

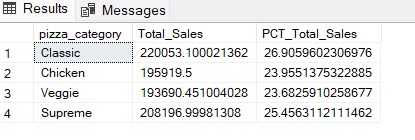
SUM(total\_price) AS Total\_Sales,

SUM(total\_price) \* 100 /

(SELECT SUM(total\_price) FROM pizza\_sales) AS PCT\_Total\_Sales

FROM pizza\_sales

GROUP BY pizza\_category



**-- Jan Month**

SELECT pizza\_category,

SUM(total\_price) AS Total\_Sales,

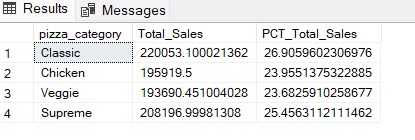
SUM(total\_price) \* 100 /

(SELECT SUM(total\_price) FROM pizza\_sales WHERE MONTH(order\_date) = 1) AS PCT\_Total\_Sales

FROM pizza\_sales

WHERE MONTH(order\_date) = 1

GROUP BY pizza\_category



**5 Percentage of Sales by Pizza Size:**

SELECT pizza\_size,

CAST(SUM(total\_price) AS DECIMAL(10,2)) AS Total\_Sales,

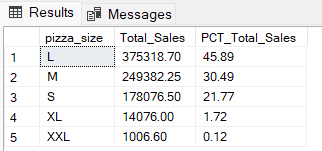
CAST(SUM(total\_price) \* 100 /

(SELECT SUM(total\_price) FROM pizza\_sales) AS DECIMAL(10,2)) AS PCT\_Total\_Sales

FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY PCT\_Total\_Sales DESC



**-- First Quarter**

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)

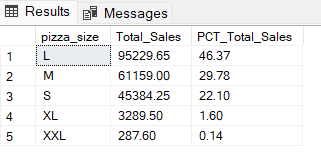
AS DECIMAL(10,2)) AS PCT\_Total\_Sales

FROM pizza\_sales

WHERE DATEPART (QUARTER, order\_date) =1

GROUP BY pizza\_size

ORDER BY PCT\_Total\_Sales DESC



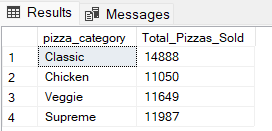
**6 Total Pizzas Sold by Pizza Category:**

SELECT pizza\_category,

SUM(quantity) AS Total\_Pizzas\_Sold

FROM pizza\_sales

GROUP BY pizza\_category



**7 Top 5 Best Sellers by Revenue, Total Quantity and Total Orders:**

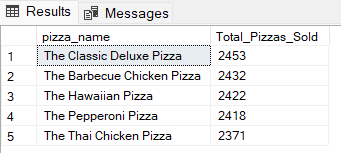
SELECT TOP 5 pizza\_name,

SUM(quantity) AS Total\_Pizzas\_Sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY SUM(quantity) DESC



**8 Bottom 5 Best Sellers by Revenue, Total Quantity and Total Orders:**

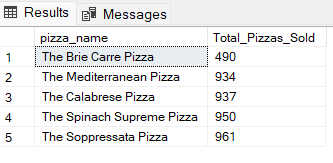
SELECT TOP 5 pizza\_name,

SUM(quantity) AS Total\_Pizzas\_Sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY SUM(quantity) ASC

****