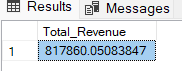
**SQL QUERIES FOR PIZZA SALES**

**KPI METRICS**

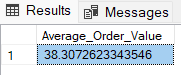
1. **Total Revenue**

Select SUM(total\_price) AS Total\_Revenue from pizza\_sales



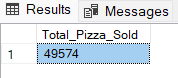
1. **Average Order Values**

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



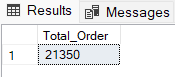
1. **Total Pizzas Sold**

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



1. **Total Orders**

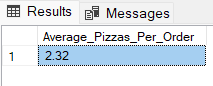
SELECT COUNT(DISTINCT order\_id) AS Total\_Order FROM pizza\_sales



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



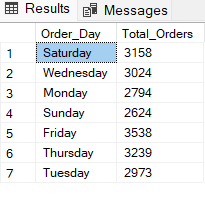
**CHART REQUIREMENTS**

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)

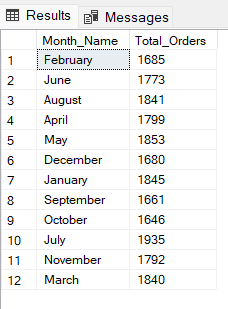


1. **Monthly Trend for Total Orders**

SELECT DATENAME(MONTH, order\_date) AS Month\_Name, COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

GROUP BY DATENAME(MONTH, order\_date)

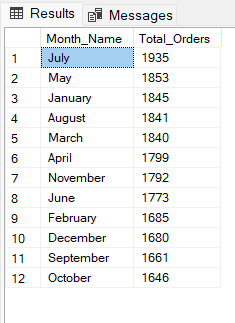


SELECT DATENAME(MONTH, order\_date) AS Month\_Name, COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

GROUP BY DATENAME(MONTH, order\_date)

ORDER BY Total\_Orders DESC

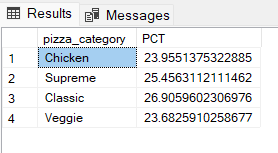


1. **Percentage of Sales by Pizza Category**

SELECT pizza\_category, SUM(total\_price) \* 100 / (SELECT SUM(total\_price) from pizza\_sales) AS PCT

FROM pizza\_sales

GROUP BY pizza\_category



**NOTE:**

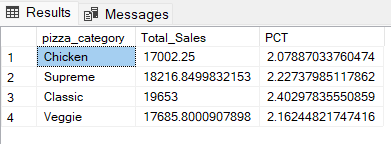
**Filters only for Month “July”**

SELECT pizza\_category, SUM(total\_price) AS Total\_Sales, SUM(total\_price) \* 100 / (SELECT SUM(total\_price) from pizza\_sales) AS PCT

FROM pizza\_sales

WHERE MONTH(order\_date) = 7

GROUP BY pizza\_category



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

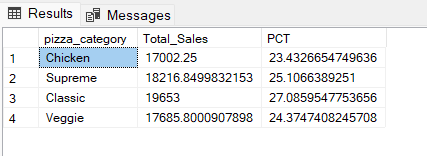
SELECT pizza\_category, SUM(total\_price) AS Total\_Sales, SUM(total\_price) \* 100 /

(SELECT SUM(total\_price) from pizza\_sales WHERE MONTH(order\_date) = 7) AS PCT -- Whenever Subquery is used, if Where clause is used it should be applied in Subquery to get correct values

FROM pizza\_sales

WHERE MONTH(order\_date) = 7

GROUP BY pizza\_category



1. **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

WHERE DATEPART(QUARTER, order\_date) = 1 )

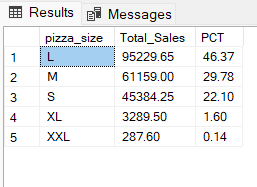
AS DECIMAL(10,2)) AS PCT

FROM pizza\_sales

WHERE DATEPART(QUARTER, order\_date) = 1

GROUP BY pizza\_size

ORDER BY PCT DESC



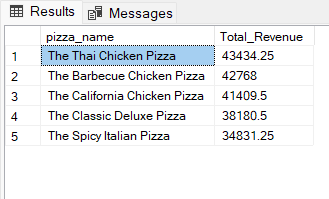
1. **Top 5 Best Sellers by Revenue**

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC



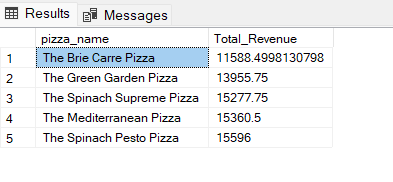
1. **Top 5 Worst Sellers by Revenue**

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue ASC



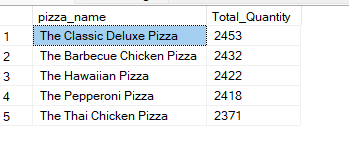
1. **Top 5 Best Sellers by Quantity**

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Quantity DESC



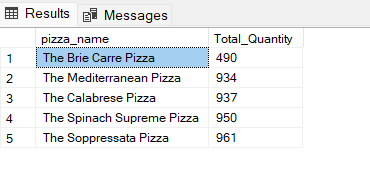
1. **Top 5 Worst Seller by Quantity**

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Quantity ASC



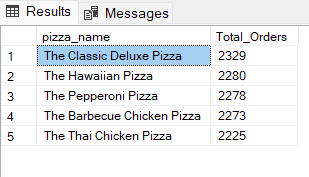
1. **Top 5 Best Sellers by Total Orders**

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders DESC



1. **Top 5 Worst Seller 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

