PIZZA SALES SQL QUERIES

-- KPI's Requirement

-- Total Revenue: The sum of the total price of all pizza orders

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



-- Average Order by Value: The average amount spent per order, calculated by dividing the total revenue by the total number of orders

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



-- Total Pizzas Sold: The sum of the quantities of all pizzas sold

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



-- Total Orders: The total number of orders placed

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



-- Average Pizzas per Order: The average number of pizzas sold per order, calculated by dividing the total number of pizzas sold by the total number of orders

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

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

AS DECIMAL(10,2))

AS Avg\_Pizza\_Order

FROM pizza\_sales



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-- CHARTS REQUIREMENT

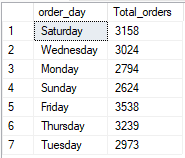
-- Daily Trend for Total Orders

SELECT DATENAME(DW, order\_date) AS order\_day,

COUNT(DISTINCT order\_id) AS Total\_orders

FROM pizza\_sales

GROUP BY DATENAME(DW, order\_date)



-- Monthly Trend for Total Orders

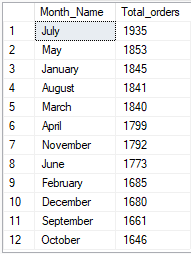
SELECT DATENAME(MONTH, order\_date) AS Month\_Name,

COUNT(DISTINCT order\_id) AS Total\_orders

FROM pizza\_sales

GROUP BY DATENAME(MONTH, order\_date)

ORDER BY Total\_orders DESC



-- Percentage of Sales by Pizza Category

SELECT pizza\_category,

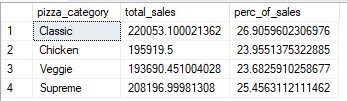
SUM(total\_price) AS total\_sales,

SUM(total\_price) \* 100 / (SELECT sum(total\_price)

FROM pizza\_sales) AS perc\_of\_sales

FROM pizza\_sales

GROUP BY pizza\_category



-- filtering for january

SELECT pizza\_category,

SUM(total\_price) AS total\_sales,

SUM(total\_price) \* 100 / (SELECT sum(total\_price)

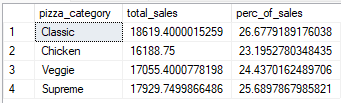
FROM pizza\_sales

WHERE MONTH(order\_date) = 1) AS perc\_of\_sales

FROM pizza\_sales

WHERE MONTH(order\_date) = 1 -- (filtering for january)

GROUP BY pizza\_category



-- Percentage of Sales by Pizza Size

SELECT pizza\_size,

SUM(total\_price) AS total\_sales,

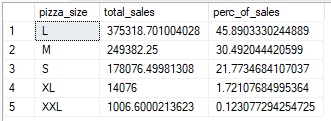
SUM(total\_price) \* 100 / (SELECT sum(total\_price)

FROM pizza\_sales) AS perc\_of\_sales

FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY perc\_of\_sales DESC



--refining decimals

SELECT pizza\_size,

CAST(SUM(total\_price) AS decimal(10,2)) AS total\_sales,

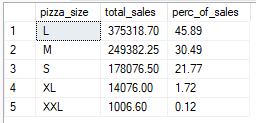
CAST(SUM(total\_price) \* 100 / (SELECT sum(total\_price)

FROM pizza\_sales) AS decimal(10,2)) AS perc\_of\_sales

FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY perc\_of\_sales DESC



--for 1st 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

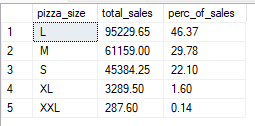
WHERE DATEPART(quarter, order\_date)=1) AS decimal(10,2)) AS perc\_of\_sales

FROM pizza\_sales

WHERE DATEPART(quarter, order\_date) = 1

GROUP BY pizza\_size

ORDER BY perc\_of\_sales DESC



-- Top & Worst 5 Sellers by Revenue, Total Quantity, and Total Orders

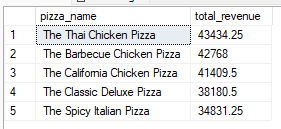
SELECT TOP 5 pizza\_name,

SUM(total\_price) as total\_revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_revenue DESC



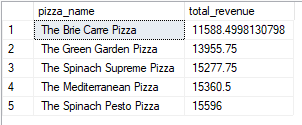
SELECT TOP 5 pizza\_name,

SUM(total\_price) as total\_revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_revenue ASC



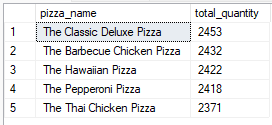
SELECT TOP 5 pizza\_name,

SUM(quantity) as total\_quantity

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_quantity DESC



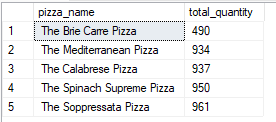
SELECT TOP 5 pizza\_name,

SUM(quantity) as total\_quantity

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_quantity ASC



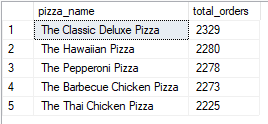
SELECT TOP 5 pizza\_name,

COUNT(DISTINCT order\_id) as total\_orders

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_orders DESC



SELECT TOP 5 pizza\_name,

COUNT(DISTINCT order\_id) as total\_orders

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_orders ASC

