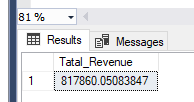
PIZZA SALES SQL QUERIES

1. KPI’S
2. Total Revenue:

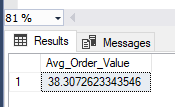
select SUM(total\_price) AS Tatal\_Revenue from pizza\_sales



1. Average Order Value

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

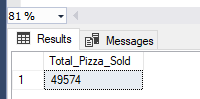
from pizza\_sales



1. Total Pizza Sold

SELECT SUM(quantity) AS Total\_Pizza\_Sold

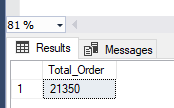
from pizza\_sales



1. Total Orders

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

from pizza\_sales



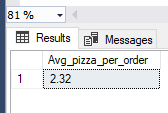
1. Average Pizza Ordered

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\_per\_order

from pizza\_sales



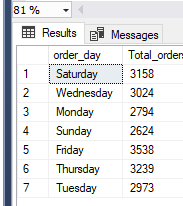
1. CHARTS
2. Daily trend for total order

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

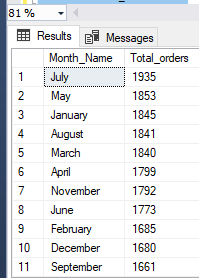
SELECT DATENAME(MONTH, order\_date) AS Month\_Name,

COUNT(DISTINCT order\_id) AS Total\_orders

FROM pizza\_sales

GROUP BY DATENAME(MONTH, order\_date)

ORDER BY Total\_orders DESC



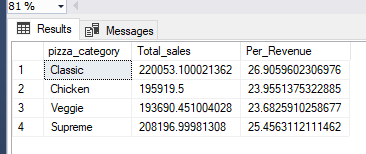
1. Percentage of Sale Per Pizza Category

SELECT pizza\_category, sum(total\_price) as Total\_sales, sum(total\_price) \*100 /

(SELECT sum(total\_price) FROM pizza\_sales) AS Per\_Revenue

FROM pizza\_sales

GROUP BY pizza\_category



SELECT DATENAME(DW, order\_date) AS Order\_day, sum(total\_price) as Total\_sales, sum(total\_price) \*100 /

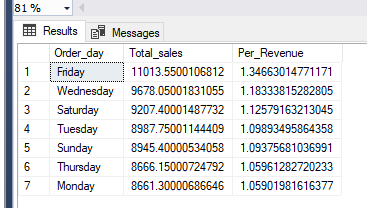
(SELECT sum(total\_price) FROM pizza\_sales) AS Per\_Revenue

FROM pizza\_sales

WHERE MONTH(order\_date) = 2

GROUP BY DATENAME(DW, order\_date)

order by Per\_Revenue desc



N.B. .MONTH(order\_date) = 2 indicates that the output is for the month of Feburary. Also, you,ll get the wrong percentage by not applying the “where” subquery to the first select statement.

SELECT DATENAME(DW, order\_date) AS Order\_day, sum(total\_price) as Total\_sales, sum(total\_price) \*100 /

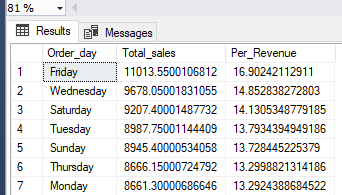
(SELECT sum(total\_price) FROM pizza\_sales WHERE MONTH(order\_date) = 2) AS Per\_Revenue

FROM pizza\_sales

WHERE MONTH(order\_date) = 2

GROUP BY DATENAME(DW, order\_date)

order by Per\_Revenue desc



SELECT DATENAME(DW, order\_date) AS Order\_day, sum(total\_price) as Total\_sales, sum(total\_price) \*100 /

(SELECT sum(total\_price) FROM pizza\_sales WHERE DATEPART(QUARTER, order\_date) = 2) AS Per\_Revenue

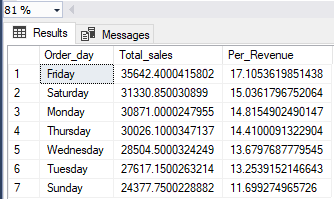
FROM pizza\_sales

WHERE DATEPART(QUARTER, order\_date) = 2

GROUP BY DATENAME(DW, order\_date)

order by Total\_sales desc

N.B. DATEPART(QUARTER, order\_date) = 2 indicates that the output is for the second quarter



1. Percentage of sales by pizza size

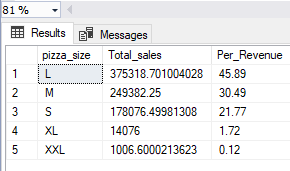
SELECT pizza\_size, sum(total\_price) as Total\_sales, CAST(sum(total\_price) \*100 /

(SELECT sum(total\_price) FROM pizza\_sales) AS decimal(10,2)) AS Per\_Revenue

FROM pizza\_sales

GROUP BY pizza\_size

order by Per\_Revenue desc



N.B. DATEPART(QUARTER, order\_date) = 2 indicates that the output is for the second quarter

SELECT pizza\_size, CAST(sum(total\_price) AS decimal(10,2)) as Total\_sales, CAST(sum(total\_price) \*100 /

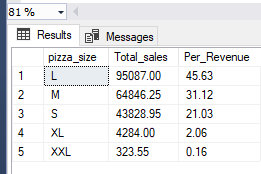
(SELECT sum(total\_price) FROM pizza\_sales WHERE DATEPART(QUARTER, order\_date) =2) AS decimal(10,2)) AS Per\_Revenue

FROM pizza\_sales

WHERE DATEPART(QUARTER, order\_date) =2

GROUP BY pizza\_size

order by Per\_Revenue 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 ASC

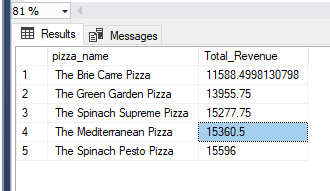
1. Top 5 least sellers by revenue

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue ASC



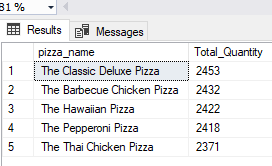
1. Top 5 best sellers by quantity

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Quantity DESC



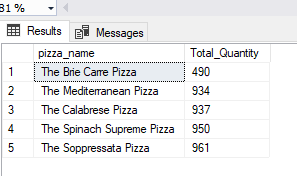
1. Top 5 least sellers by quantity

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Quantity ASC



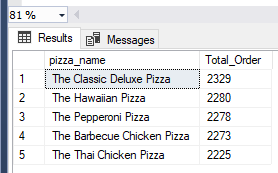
1. Top 5 best sellers by Total order

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Quantity DESC



1. Top 5 least sellers by Total order

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Order ASC

