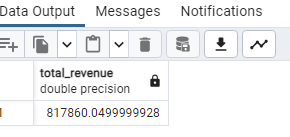
**PIZZA SALES SQL QUERIES**

----1. Calculating the Total Revenue

SELECT SUM(total\_price) AS Total\_Revenue

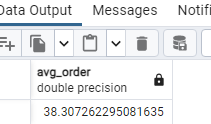
FROM PIZZA;



----2. Average order made

SELECT SUM(total\_price)/ Count(distinct order\_id) as Avg\_Order

FROM PIZZA;



----3. Total pizza sold

SELECT SUM(quantity) AS Total\_Pizza\_Sold

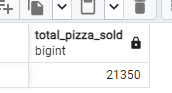
FROM PIZZA;



----4. Total orders made

SELECT Count(distinct order\_id) AS Total\_Pizza\_Sold

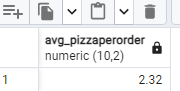
FROM PIZZA;



----5. Average pizza 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\_pizzaperorder

FROM PIZZA;



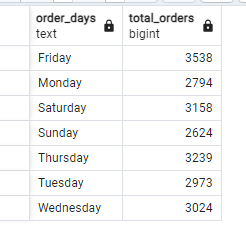
---- 6. Daily trend for orders

SELECT TO\_CHAR(order\_date, 'Day') as Order\_days,

COUNT (DISTINCT order\_id) as Total\_Orders

FROM PIZZA

GROUP BY TO\_CHAR(order\_date, 'Day');



-----7. Monthly trend for orders

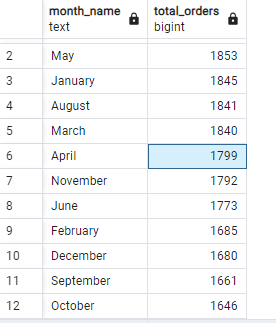
SELECT TO\_CHAR(order\_date, 'Month') as Month\_Name,

COUNT (DISTINCT order\_id) as Total\_Orders

FROM PIZZA

GROUP BY TO\_CHAR(order\_date, 'Month')

ORDER BY Total\_Orders desc;



----8. Percentage of sales by categories of pizza and total Revenue

SELECT pizza\_category,

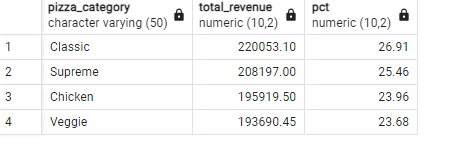
Cast (SUM(total\_price)as decimal(10,2)) AS Total\_Revenue,

Cast (sum(total\_price)\*100/(SELECT SUM(total\_price) From PIZZA)as decimal(10,2)) AS PCT

FROM PIZZA

GROUP BY pizza\_category

ORDER BY PCT DESC;



----9. Percentage of sales by size of pizza and Total revenue

SELECT pizza\_size,

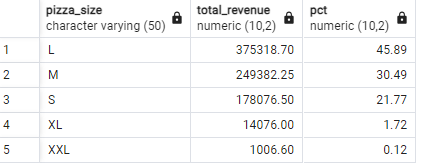
Cast (SUM(total\_price)as decimal(10,2)) AS Total\_Revenue,

Cast (sum(total\_price)\*100/(SELECT SUM(total\_price) From PIZZA)as decimal(10,2)) AS PCT

FROM PIZZA

GROUP BY pizza\_size

ORDER BY PCT DESC;



----10. Percentage of sales by size of pizza for Second Quarter and Total revenue

SELECT pizza\_size,

Cast (SUM(total\_price)as decimal(10,2)) AS Total\_Revenue,

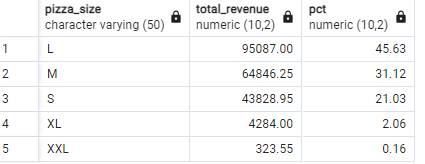
Cast (sum(total\_price)\*100/(SELECT SUM(total\_price) From PIZZA WHERE EXTRACT(QUARTER FROM order\_date) = 2)as decimal(10,2)) AS PCT

FROM PIZZA

WHERE EXTRACT(QUARTER FROM order\_date) = 2

GROUP BY pizza\_size

ORDER BY PCT DESC;



----11. Top 5 Best sellers by Revenue

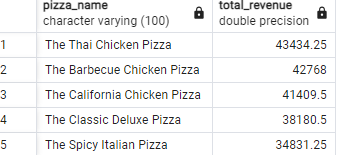
SELECT pizza\_name, SUM(total\_price) AS Total\_Revenue

FROM PIZZA

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC

LIMIT 5;



----12. Bottom 5 sellers by Revenue

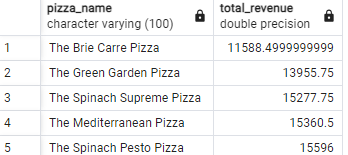
SELECT pizza\_name, SUM(total\_price) AS Total\_Revenue

FROM PIZZA

GROUP BY pizza\_name

ORDER BY Total\_Revenue ASC

LIMIT 5;



----13. Top 5 Best sellers by Total\_Quantity

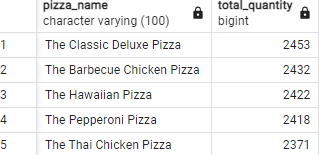
SELECT pizza\_name, SUM(quantity) AS Total\_Quantity

FROM PIZZA

GROUP BY pizza\_name

ORDER BY Total\_Quantity DESC

LIMIT 5;



----14. Bottom 5 sellers by Total\_Quantity

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

FROM PIZZA

GROUP BY pizza\_name

ORDER BY Total\_Quantity ASC

LIMIT 5;



----15. Top 5 Best sellers by Total orders made

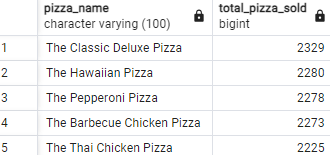
SELECT pizza\_name, Count(distinct order\_id) AS Total\_Pizza\_Sold

FROM PIZZA

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold DESC

LIMIT 5;



----16. Bottom 5 sellers by Total orders made

SELECT pizza\_name, Count(distinct order\_id) AS Total\_Pizza\_Sold

FROM PIZZA

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold ASC

LIMIT 5;



---- 17. Top 5 by combined Revenue, Quantity, total orders

SELECT pizza\_name,

SUM(total\_price) AS Total\_Revenue,

SUM(quantity) AS Total\_Quantity,

COUNT(DISTINCT order\_id) AS Total\_Pizza\_Sold

FROM PIZZA

GROUP BY pizza\_name

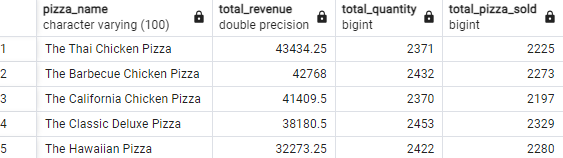
HAVING SUM(total\_price) >= 30000

AND SUM(quantity) >= 2000

AND COUNT(DISTINCT order\_id) >= 2000

ORDER BY Total\_Revenue DESC

LIMIT 5;



---- 18. Bottom 5 by combined Revenue, Quantity, total orders

SELECT pizza\_name,

SUM(total\_price) AS Total\_Revenue,

SUM(quantity) AS Total\_Quantity,

COUNT(DISTINCT order\_id) AS Total\_Pizza\_Sold

FROM PIZZA

GROUP BY pizza\_name

HAVING SUM(total\_price) <= 16000

AND SUM(quantity) <= 1000

AND COUNT(DISTINCT order\_id) <= 1000

ORDER BY Total\_Revenue ASC

LIMIT 5;

