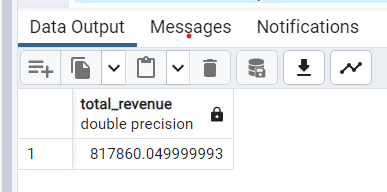
**PIZZA SALES POSTGRESQL QUERIES**

1. KPI’s

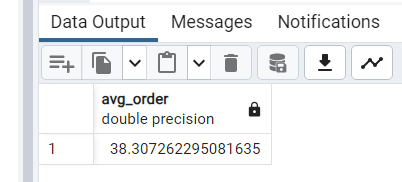
1. **Total Revenue:**

**SELECT SUM(total\_price) as Total\_price FROM pizzaSales;**

****

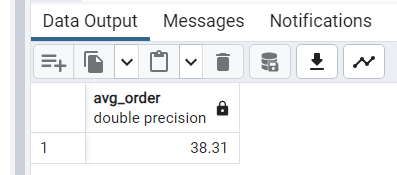
1. **Average Order Value:**

**SELECT (SUM(total\_price)/COUNT(DISTINCT order\_id)) as Avg\_order FROM pizzaSales;**

****

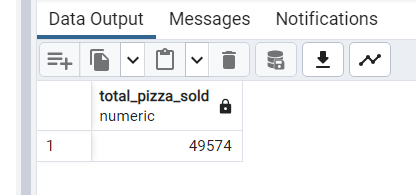
**SELECT CAST(ROUND**

**((SUM(total\_price)/COUNT(DISTINCT order\_id)) ::numeric,2)**

**as DOUBLE PRECISION) as avg\_order from pizzaSales;** ****

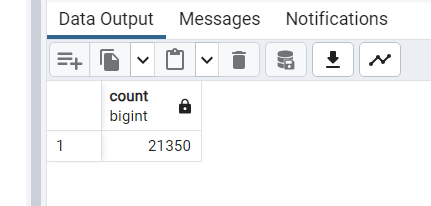
1. **Total Pizzas Sold**

**SELECT SUM(quantity) as total\_pizza\_sold FROM pizzaSales;**

****

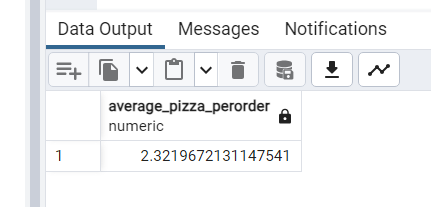
1. **Total Orders**

**SELECT COUNT(DISTINCT order\_id) FROM pizzaSales;**

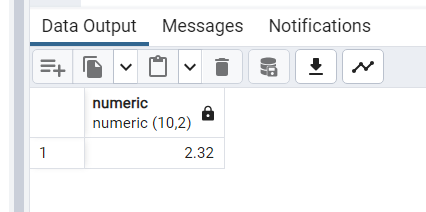
****

1. **Average Pizzas Per Order**

**SELECT (SUM(quantity)/COUNT(DISTINCT order\_id)) AS Average\_pizza\_PerOrder FROM pizzaSales;**

** or,**

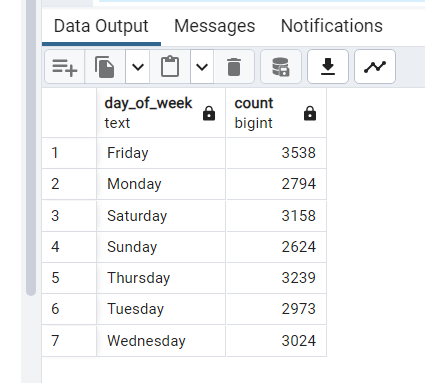
**SELECT CAST(( SUM(quantity)/COUNT(DISTINCT order\_id) ) AS NUMERIC(10,2)) FROM pizzaSales;**

****

2. Daily Trend for Total Orders:

SELECT TO\_CHAR(order\_date, 'Day') AS Day\_of\_week,

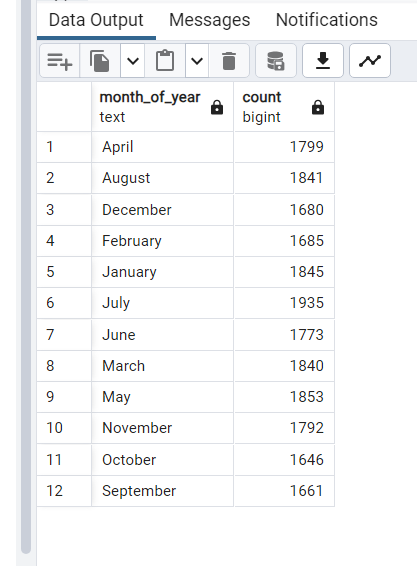
COUNT(DISTINCT order\_id) FROM pizzaSales

GROUP BY Day\_of\_week;

3. Monthly Trend for Orders

SELECT TO\_CHAR(order\_date,'Month') as month\_of\_year,

COUNT(DISTINCT order\_id) FROM pizzaSales

GROUP BY month\_of\_year; 

4. Percentage (%) Sales by Pizza Category:

SELECT pizza\_category,

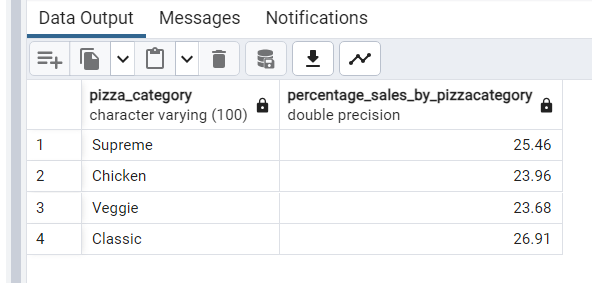
CAST(

ROUND(

(SUM(total\_price)\*100/(SELECT SUM(total\_price) FROM pizzaSales))::numeric, 2)

as DOUBLE PRECISION) as percentage\_sales\_by\_PizzaCategory

FROM pizzaSales GROUP BY pizza\_category;



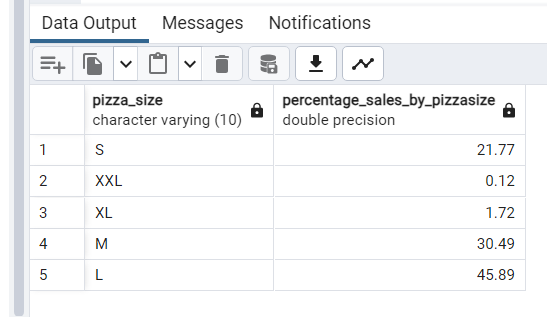
5. Percentage(%) Sales by Pizza size:

SELECT pizza\_size, CAST(

ROUND((SUM(total\_price)\*100/(SELECT SUM(total\_price) FROM pizzaSales))::numeric,2)

AS DOUBLE PRECISION) as percentage\_sales\_by\_PizzaSize

FROM pizzaSales GROUP BY pizza\_size;



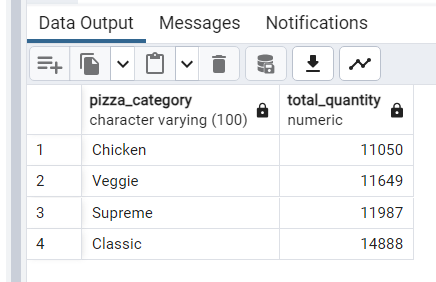
6. Total Pizzas sold by Pizza Category:

SELECT pizza\_category, SUM(quantity) as total\_quantity

FROM pizzaSales

GROUP BY pizza\_category

ORDER BY total\_quantity;



7. Top 5 Pizza name by revenue:

SELECT pizza\_name,

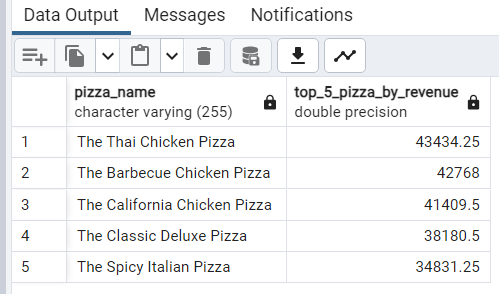
CAST(ROUND(sum(total\_price)::numeric,2) AS double precision) AS top\_5\_pizza\_by\_revenue

from pizzaSales

GROUP BY pizza\_name

ORDER BY top\_5\_pizza\_by\_revenue DESC

LIMIT 5;



8. Bottom 5 pizza name by revenue:

SELECT pizza\_name,

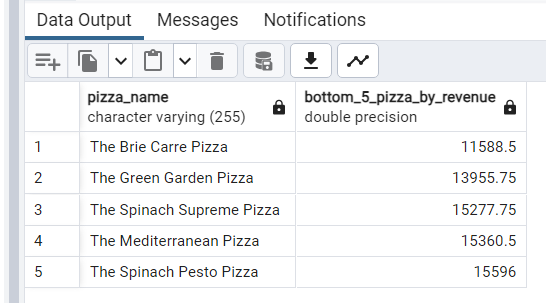
CAST(ROUND(SUM(total\_price)::NUMERIC, 2) AS DOUBLE PRECISION) AS bottom\_5\_pizza\_by\_revenue

FROM pizzaSales

GROUP BY pizza\_name

ORDER BY bottom\_5\_pizza\_by\_revenue ASC

LIMIT 5;

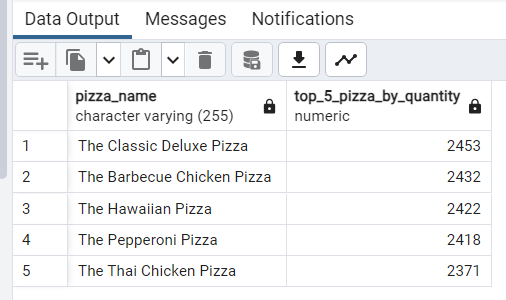


9. Top 5 Pizza by Quantity:

SELECT pizza\_name, SUM(quantity) AS top\_5\_pizza\_by\_quantity

FROM pizzaSales GROUP BY pizza\_name

ORDER BY top\_5\_pizza\_by\_quantity DESC LIMIT 5;

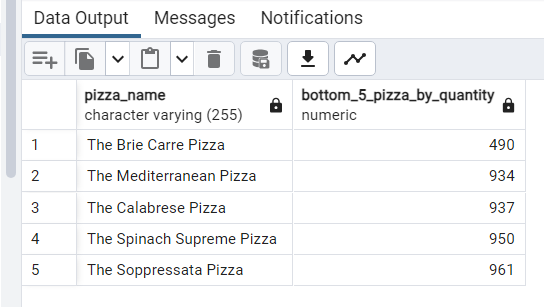


10. Bottom 5 Pizza by Quantity:

SELECT pizza\_name, SUM(quantity) as bottom\_5\_pizza\_by\_quantity

FROM pizzaSales GROUP BY pizza\_name

ORDER BY bottom\_5\_pizza\_by\_quantity LIMIT 5;



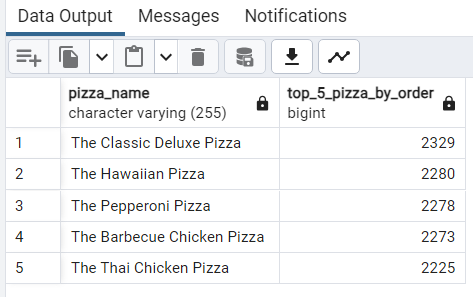
11. Top 5 Pizza name by total orders:

SELECT pizza\_name, COUNT(DISTINCT order\_id) as top\_5\_pizza\_by\_order

FROM pizzaSales

GROUP BY pizza\_name

ORDER BY top\_5\_pizza\_by\_order DESC LIMIT 5 ;



12. Bottom 5 Pizza Name by Total orders:

SELECT pizza\_name, COUNT(DISTINCT order\_id) AS bottom\_5\_pizza\_by\_order

FROM pizzaSales

GROUP BY pizza\_name

ORDER BY bottom\_5\_pizza\_by\_order LIMIT 5;

