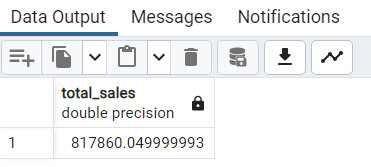
SQL QUERIES

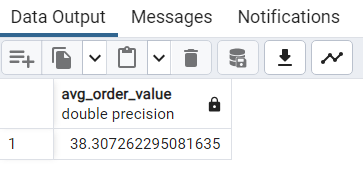
**A. KPI**

**1. Total Revenue:**

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

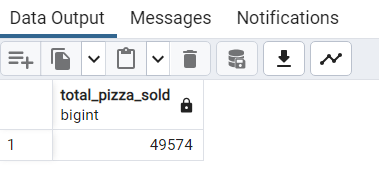
**2. Average Order Value**

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

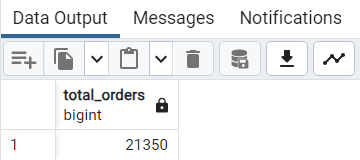


**3. Total Pizzas Sold**

SELECT SUM(quantity) AS total\_pizza\_sold FROM pizza\_sales



**4.Total Orders**

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

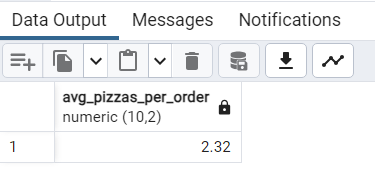
**5. Average Pizzas Per Order**

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

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

AS Avg\_Pizzas\_per\_order

FROM pizza\_sales



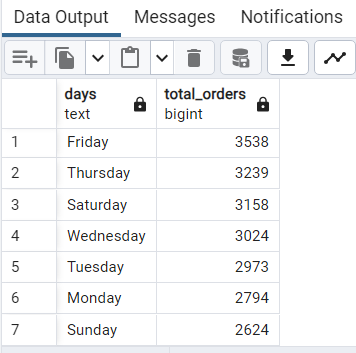
**B. Daily Trend for Total Orders**

SELECT to\_char(order\_date,'Day') AS Days,COUNT(DISTINCT order\_id) AS Total\_orders

FROM pizza\_sales

GROUP BY 1

ORDER BY 2 DESC



**C. Monthly Trend for Orders**

SELECT to\_char(order\_date,'Month') AS Months,COUNT(DISTINCT order\_id) AS Total\_orders

FROM pizza\_sales

GROUP BY 1

ORDER BY 2 DESC



**D. % or total of Sales by Pizza Category**

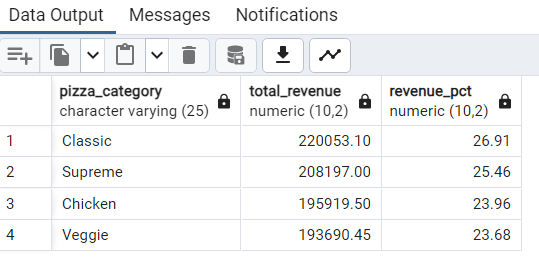
SELECT pizza\_category, CAST(SUM(total\_price) AS DECIMAL(10,2)) AS total\_revenue,

CONCAT(CAST(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizza\_sales) AS DECIMAL(10,2)),'%')

AS revenue\_PCT

FROM pizza\_sales

GROUP BY 1

ORDER BY 3 DESC

**E. % of Sales by Pizza Size**

SELECT pizza\_size, CAST(SUM(total\_price) AS DECIMAL(10,2)) AS total\_revenue,

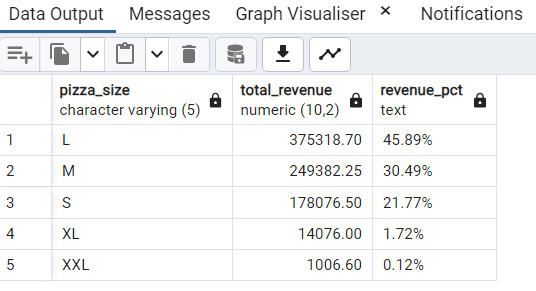
CONCAT(CAST(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizza\_sales) AS DECIMAL(10,2)),'%')

AS REVENUE\_PCT

FROM pizza\_sales

GROUP BY 1

ORDER by 3 DESC



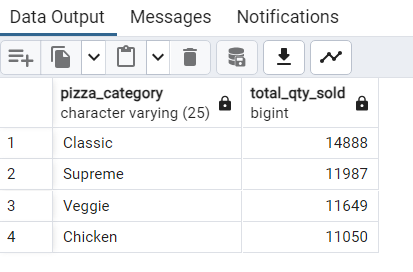
**F. Total Pizzas Sold by Pizza Category**

SELECT pizza\_category,SUM(quantity) AS Total\_Qty\_Sold

FROM pizza\_sales

GROUP BY 1

ORDER BY 2 DESC



**G. Top 5 Pizzas by Revenue**

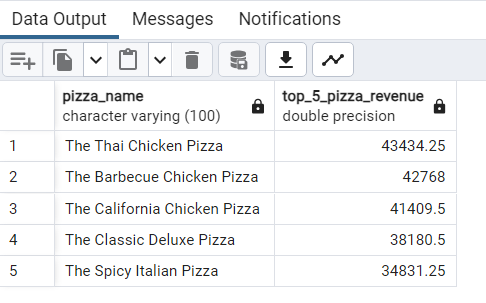
SELECT pizza\_name, SUM(total\_price) AS top\_5\_pizza\_revenue

FROM pizza\_sales

GROUP BY 1

ORDER by 2 DESC

LIMIT 5



**H. Bottom 5 Pizzas by Revenue**

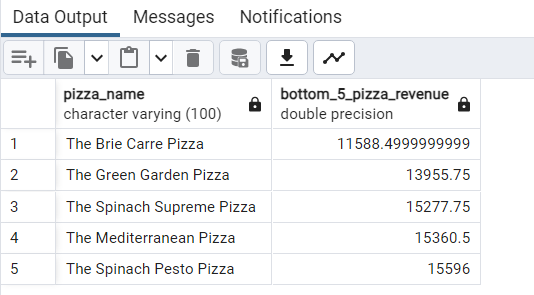
SELECT pizza\_name, SUM(total\_price) AS bottom\_5\_pizza\_revenue

FROM pizza\_sales

GROUP BY 1

ORDER BY 2

LIMIT 5



**I. Top 5 Pizzas by Quantity**

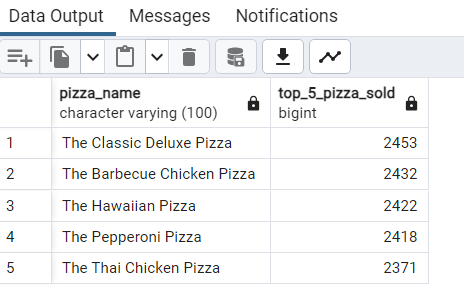
SELECT pizza\_name, SUM(Quantity) AS top\_5\_pizza\_sold

FROM pizza\_sales

GROUP BY 1

ORDER BY 2 DESC

LIMIT 5



**J. Bottom 5 Pizzas by Quantity**

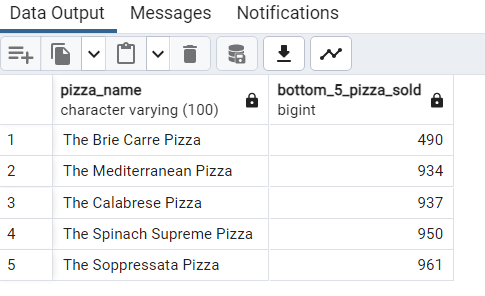
SELECT pizza\_name, SUM(quantity) AS bottom\_5\_pizza\_sold

FROM pizza\_sales

GROUP BY 1

ORDER BY 2

LIMIT 5



**K. Top 5 Pizzas by Total Orders**

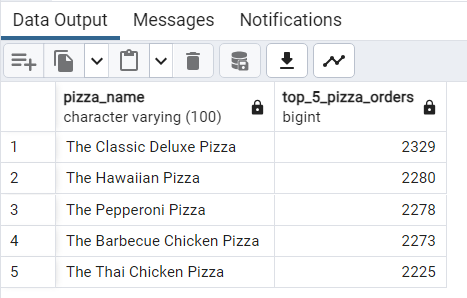
SELECT pizza\_name, count(distinct order\_id) AS top\_5\_pizza\_orders

FROM pizza\_sales

GROUP BY 1

ORDER BY 2 desc

LIMIT 5



**L. Bottom 5 Pizzas by Total Orders**

SELECT pizza\_name, count(distinct order\_id) AS bottom\_5\_pizza\_orders

FROM pizza\_sales

GROUP BY 1

ORDER BY 2

LIMIT 5

