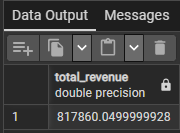
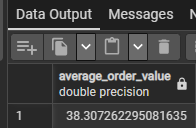
**PIZZA SALES SQL QUERIES**

**A. KPI’s**

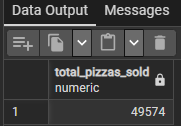
**1. Total Revenue:**

SELECT SUM(total\_price) AS Total\_Revenue FROM pizza\_sales;  
  
**2. Average Order Value**

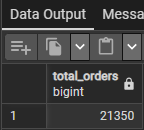
SELECT SUM(total\_price)/COUNT(DISTINCT order\_id) AS Average\_Order\_Value

FROM pizza\_sales  


**3. Total Pizzas Sold**

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


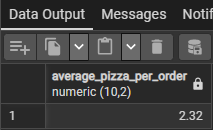
**4. Total Orders**

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 Average\_Pizza\_Per\_Order FROM pizza\_sales



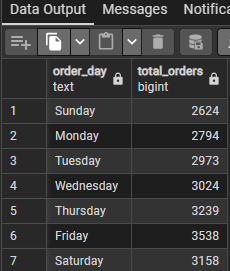
**B. Daily Trend for Total Orders  
SELECT TO\_CHAR(order\_date, 'Day') AS order\_day,**

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

**GROUP BY TO\_CHAR(order\_date,'Day'), EXTRACT(DOW FROM order\_date)**

**ORDER BY EXTRACT(DOW FROM order\_date)**

***Output:***

****

**C. Monthly Trend for Orders**

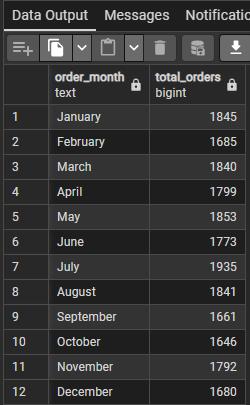
SELECT TO\_CHAR(order\_date, 'Month') AS order\_month,

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

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

ORDER BY EXTRACT(MONTH FROM order\_date)

***Output:***

****

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

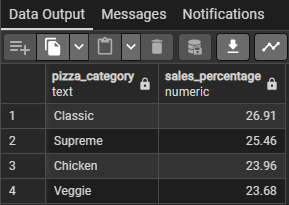
SELECT pizza\_category,

ROUND(CAST(SUM(total\_price) \* 100.0 / (SELECT SUM(total\_price) FROM pizza\_sales) AS numeric), 2) AS sales\_percentage

FROM pizza\_sales

GROUP BY pizza\_category

ORDER BY sales\_percentage DESC;  
***Output***

****

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

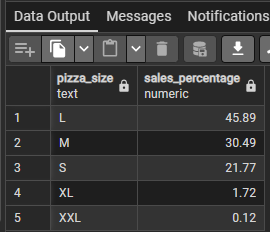
SELECT pizza\_size,

ROUND(CAST(SUM(total\_price) \* 100.0 / (SELECT SUM(total\_price) FROM pizza\_sales) AS numeric), 2) AS sales\_percentage

FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY sales\_percentage DESC;  
***Output***

****

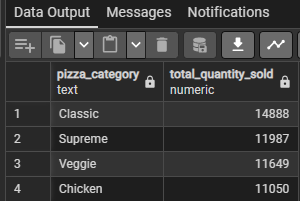
**F. Total Pizzas Sold by Pizza Category**

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

FROM pizza\_sales

GROUP BY pizza\_category

ORDER BY Total\_Quantity\_Sold DESC;  
***Output***

****

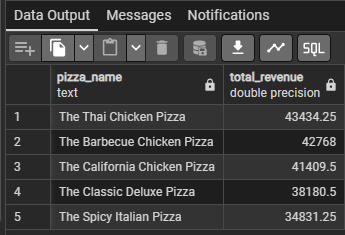
**G. Top 5 Pizzas by Revenue**

SELECT pizza\_name,

SUM(total\_price) AS total\_revenue FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_revenue DESC

****

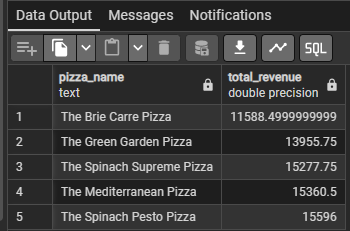
**H. Bottom 5 Pizzas by Revenue**

SELECT pizza\_name,

SUM(total\_price) AS total\_revenue FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_revenue ASC

****

**I. Top 5 Pizzas by Quantity**

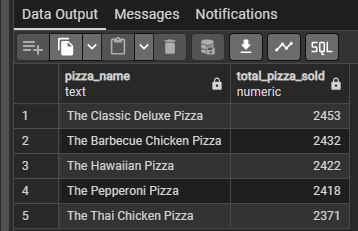
SELECT pizza\_name,

SUM(quantity) AS Total\_pizza\_sold FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_pizza\_sold DESC

LIMIT 5;  
***Output***

****

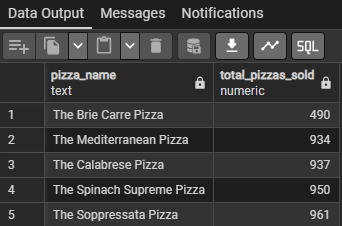
**J. Bottom5 Pizzas by Quantity**

SELECT pizza\_name, SUM(quantity) AS Total\_Pizzas\_Sold FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizzas\_Sold ASC

LIMIT 5  
***Output***

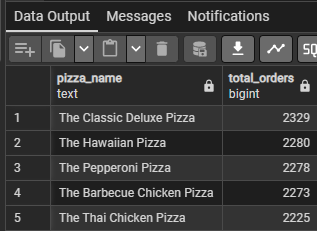
****

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

SELECT pizza\_name, COUNT(DISTINCT order\_id) AS Total\_Orders FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders DESC  
LIMIT 5;

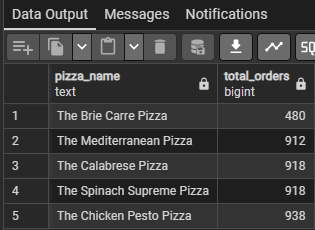
****

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

SELECT pizza\_name, COUNT(DISTINCT order\_id) AS Total\_Orders FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders ASC  
LIMIT 5

******

***NOTE***

If you want to apply the pizza\_category or pizza\_size filters to the above queries you can use WHERE clause. Follow some of below examples

SELECT pizza\_name,COUNT(DISTINCT order\_id)AS Total\_Orders

FROM pizza\_sales

WHERE pizza\_category ='Classic'

GROUP BY pizza\_name

ORDER BY Total\_Orders ASC

LIMIT 5;