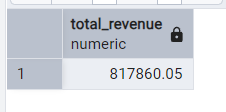
**PIZZA SALES SQL QUERIES**

**A. KPI’s**

**1. Total Revenue:**

SELECT ROUND(SUM(total\_price):: numeric, 2) AS Total\_Revenue

FROM pizza\_sales;



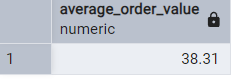
**2. Average Order Value**

SELECT ROUND(

SUM(total\_price):: numeric /

COUNT(DISTINCT order\_id):: numeric, 2) AS Avg\_order\_Value

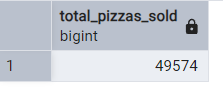
FROM pizza\_sales;



**3. Total Pizzas Sold**

SELECT SUM(quantity) AS Total\_pizza\_sold

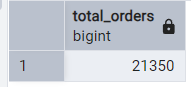
FROM pizza\_sales;



**4. Total Orders**

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

FROM pizza\_sales;

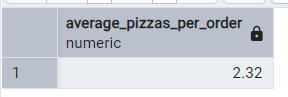


**5. Average Pizzas Per Order**

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

CAST(COUNT(DISTINCT order\_id) AS DECIMAL(10,2)) AS DECIMAL(10,2)) AS average\_pizzas\_per\_order

FROM pizza\_sales;



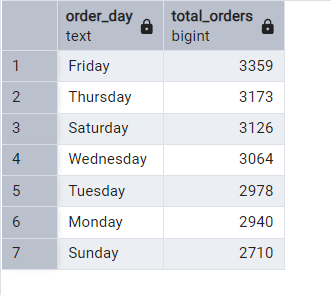
**B. Daily Trend for Total Orders**SELECT TO\_CHAR(order\_date, ‘Day’) AS order\_day,

COUNT(DISTINCT order\_id) AS total\_orders

FROM pizza\_sales

GROUP BY TO\_CHAR(order\_date, ‘Day’)

ORDER BY 2 DESC;

****

**C. Monthly Trend for Orders**

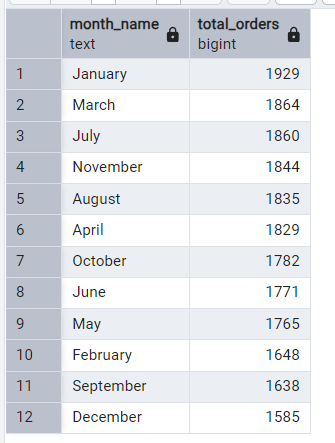
SELECT TO\_CHAR(order\_date, ‘MONTH’) AS month\_name,

COUNT(DISTINCT order\_id) AS total\_orders

FROM pizza\_sales

GROUP BY TO\_CHAR(order\_date, ‘MONTH’)

ORDER BY 2 DESC;

****

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

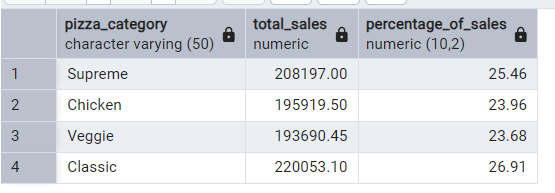
SELECT pizza\_category,

ROUND(SUM(total\_price):: numeric, 2) AS total\_sales,

CAST(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizza\_sales) AS DECIMAL(10,2)) AS percentage\_of\_sales

FROM pizza\_sales

GROUP BY pizza\_category;

****

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

SELECT pizza\_size,

ROUND(SUM(total\_price):: numeric, 2) as total\_sales,

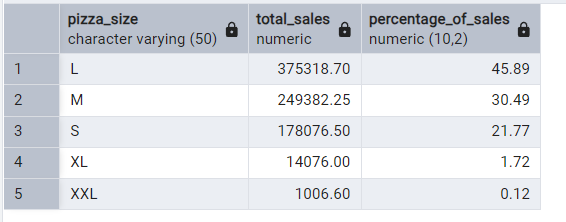
CAST(SUM(total\_price) \* 100 /

(SELECT SUM(total\_price) FROM pizza\_sales) AS DECIMAL (10,2)) AS percentage\_of\_sales

FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY percentage\_of\_sales DESC;

****

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

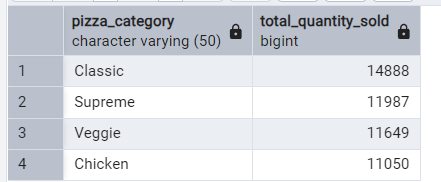
SELECT pizza\_category,

SUM(quantity) AS total\_quantity\_sold

FROM pizza\_sales

GROUP BY pizza\_category

ORDER BY total\_quantity\_Sold DESC;

****

**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

LIMIT 5;

****

**H. Bottom 5 Pizzas by Revenue**

SELECT pizza\_name,

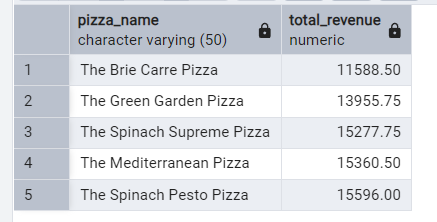
SUM(total\_price) AS total\_revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_revenue ASC

Limit 5;

****

**I. Top 5 Pizzas by Quantity**

SELECT pizza\_name,

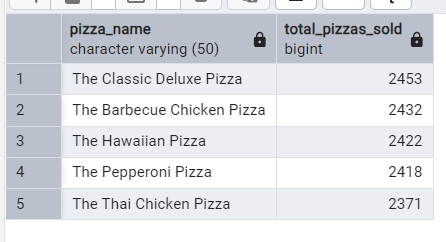
SUM(quantity) AS total\_pizza\_sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_pizza\_sold DESC

LIMIT 5;

****

**J. Bottom 5 Pizzas by Quantity**

SELECT pizza\_name,

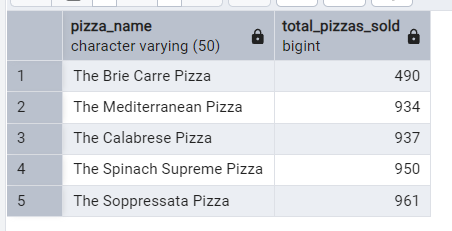
SUM(quantity) AS total\_pizza\_sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_pizza\_sold ASC

LIMIT 5;

****

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

SELECT pizza\_name,

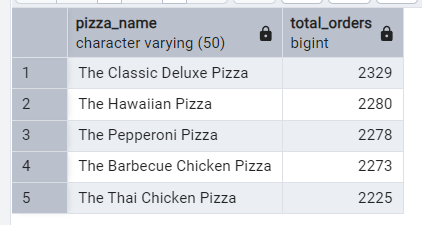
COUNT(DISTINCT order\_id) AS total\_orders

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_orders DESC

LIMIT 5;

****

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

SELECT pizza\_name,

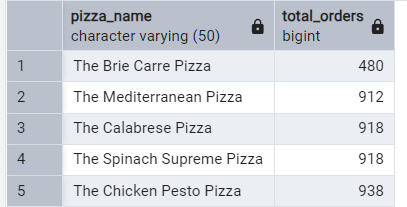
COUNT(DISTINCT order\_id) AS total\_orders

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;