**PIZZA SALES SQL QUERIES**

**A. KPI’s**

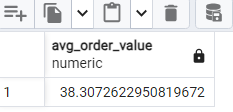
**1. Total Revenue:**

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



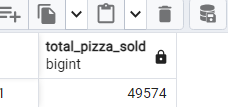
**2. Average Order Value**

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



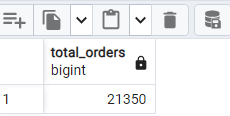
**3. Total Pizzas Sold**

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



**4. Total Orders**

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



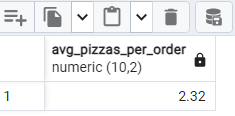
**5. Average Pizzas Per Order**

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

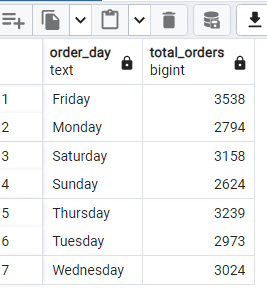


**B. Daily Trend for Total Orders**SELECT to\_char(order\_date, 'Day') AS order\_day, COUNT(DISTINCT order\_id) AS total\_orders

FROM pizzas

GROUP BY to\_char(order\_date, 'Day');

***Output:***

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**C. Monthly Trend for Orders**

SELECT to\_char(order\_date, 'Month') AS Month\_Name,

COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizzas GROUP BY to\_char(order\_date, 'Month')

ORDER BY Total\_Orders DESC;

***Output***



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

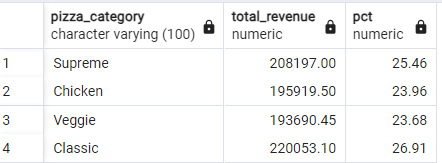
SELECT pizza\_category,

ROUND(SUM(total\_price)::NUMERIC,2) AS total\_revenue,

ROUND(SUM(total\_price) \* 100 / (SELECT SUM(total\_price)

FROM pizzas)::NUMERIC, 2) AS PCTFROM pizzasGROUP BY pizza\_category;

***Output***



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

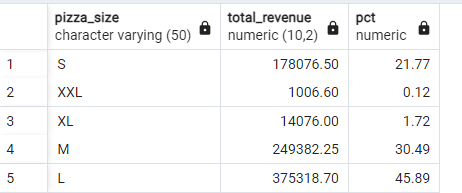
SELECT pizza\_size, CAST(SUM(total\_price) AS DECIMAL(10,2)) AS total\_revenue,

ROUND(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizzas), 2) AS PCT

FROM pizzas

GROUP BY pizza\_size;

***Output***



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

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

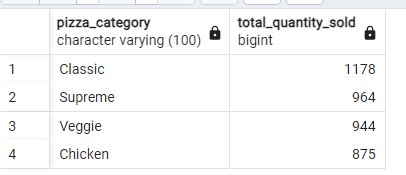
FROM pizza\_sales

WHERE MONTH(order\_date) = 2

GROUP BY pizza\_category

ORDER BY Total\_Quantity\_Sold DESC

***Output***



**G. Top 5 Pizzas by Revenue**

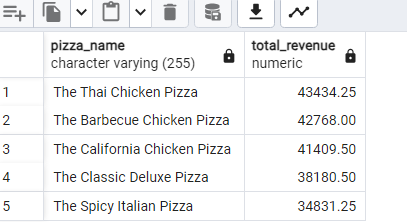
SELECT pizza\_name, SUM(total\_price) AS Total\_Revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC

LIMIT 5;



**H. Bottom 5 Pizzas by Revenue**

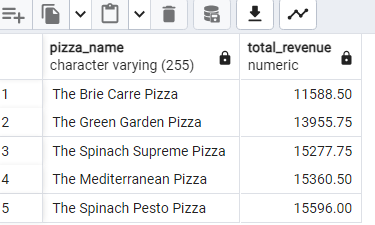
SELECT pizza\_name,

SUM(total\_price) AS Total\_Revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue ASC;



**I. Top 5 Pizzas by Quantity**

SELECT pizza\_name, SUM(quantity) AS Total\_Pizza\_Sold

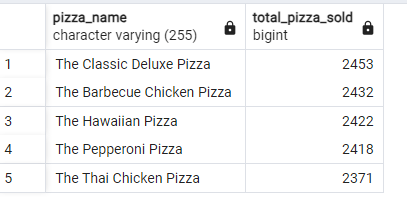
FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold DESC

LIMIT 5:

***Output***



**J. Bottom 5 Pizzas by Quantity**

SELECT pizza\_name, SUM(quantity) AS Total\_Pizza\_Sold

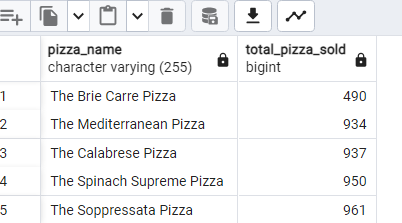
FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold ASC

LIMIT 5

***Output***



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

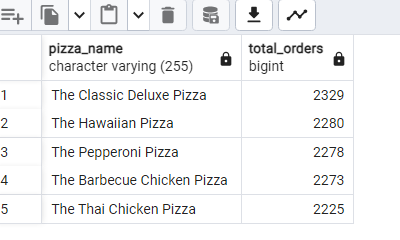
SELECT pizza\_name, COUNT(DISTINCT order\_id) AS Total\_Orders

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;

