**PIZZA SALES SQL QUERIES**

**A. KPI’s**

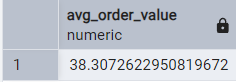
**1. Total Revenue:**

SELECT SUM(total\_price) AS Total\_Revenue FROM pizzasales



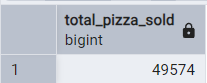
**2. Average Order Value**

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



**3. Total Pizzas Sold**

SELECT SUM(quantity) AS Total\_pizza\_sold FROM pizzasales



**4. Total Orders**

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



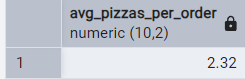
**5. Average Pizzas Per Order**

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 pizzasales



**B. Daily Trend for Total Orders**SELECT

TO\_CHAR(order\_date, 'Day') AS order\_day,

COUNT(DISTINCT order\_id) AS Total\_orders

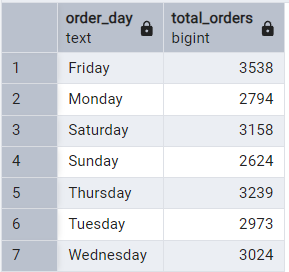
FROM

pizzasales

GROUP BY

TO\_CHAR(order\_date, 'Day'

***Output:***

****

**C. Monthly Trend for Orders**

select TO\_CHAR(order\_date, 'Month') as Month\_Name, Count(distinct order\_id) as Total\_Orders

from pizzasales

group by TO\_CHAR(order\_date, 'Month')

order by Total\_Orders desc

***Output***

****

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

SELECT

pizza\_category,

SUM(total\_price) AS Total\_sales,

SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizzasales WHERE

EXTRACT(MONTH FROM order\_date) = 1

) AS PCT

FROM

pizzasales

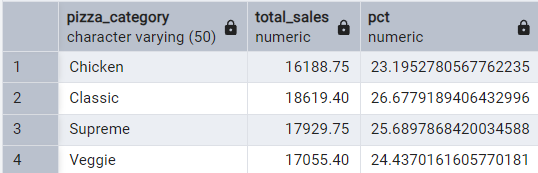
WHERE

EXTRACT(MONTH FROM order\_date) = 1

GROUP BY

pizza\_category;

***Output***

****

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

SELECT

pizza\_size,

SUM(total\_price) AS Total\_sales,

CAST(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizzasales) AS decimal(10, 2)) AS PCT

FROM

pizzasales

GROUP BY

pizza\_size

ORDER BY

PCT DESC;

***Output***

****

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

SELECT

pizza\_category,

SUM(quantity) AS Total\_Pizzas\_Sold

FROM

pizzasales

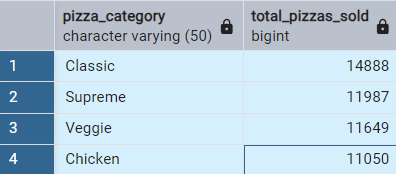
GROUP BY

pizza\_category

ORDER BY

Total\_Pizzas\_Sold DESC;

**Output**:

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**G. Top 5 Pizzas by Revenue**

SELECT

pizza\_name,

SUM(total\_price) AS total\_revenue

FROM

pizzasales

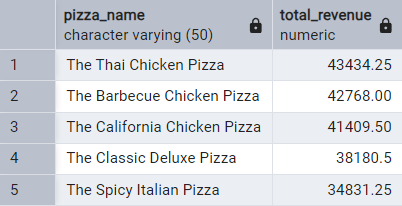
GROUP BY

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

pizzasales

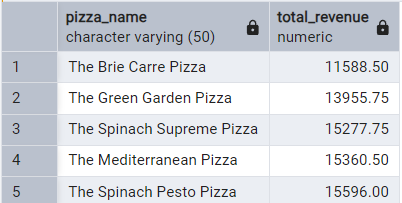
GROUP BY

pizza\_name

ORDER BY

total\_revenue asc

LIMIT 5;

****

**I. Top 5 Pizzas by Quantity**

SELECT

pizza\_name,

SUM(quantity) AS Total\_Quantity\_Sold

FROM

pizzasales

GROUP BY

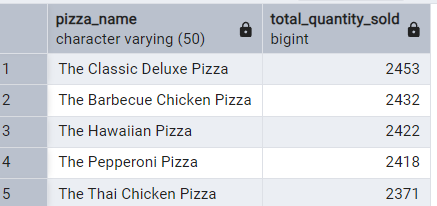
pizza\_name

ORDER BY

Total\_Quantity\_Sold DESC

LIMIT 5;

***Output***

****

**J. Bottom 5 Pizzas by Quantity**

SELECT

pizza\_name,

SUM(quantity) AS Total\_Quantity\_Sold

FROM

pizzasales

GROUP BY

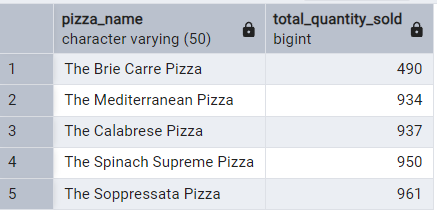
pizza\_name

ORDER BY

Total\_Quantity\_Sold ASC

LIMIT 5;

***Output***

****

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

SELECT

pizza\_name,

COUNT(DISTINCT order\_id) AS Total\_Orders

FROM

pizzasales

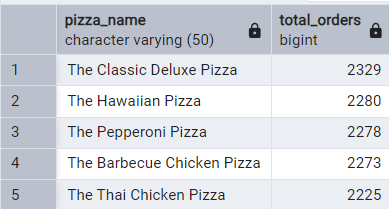
GROUP BY

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

pizzasales

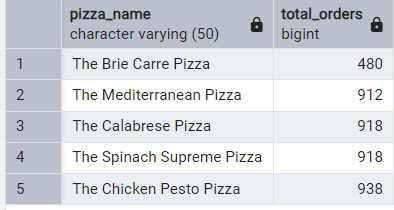
GROUP BY

pizza\_name

ORDER BY

Total\_Orders ASC

LIMIT 5;

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***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

pizzasales

WHERE pizza\_category = 'Classic'

GROUP BY

pizza\_name

ORDER BY

Total\_Orders ASC

LIMIT 5;