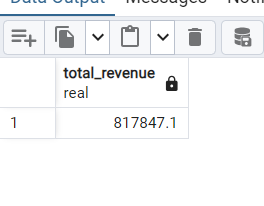
**PIZZA SALES SQL QUERIES**

**A. KPI’s**

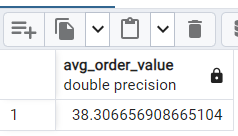
**1. Total Revenue:**

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



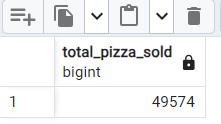
**2. Average Order Value**

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



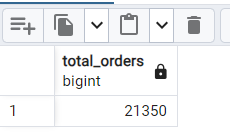
**3. Total Pizzas Sold**

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



**4. Total Orders**

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



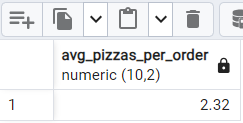
**5. Average Pizzas Per Order**

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

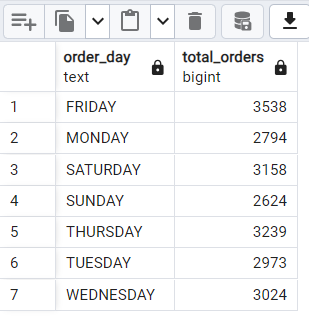
FROM pizza\_sales



**B. Daily Trend for Total Orders**Select TO\_CHAR(order\_date,'FMDAY') as order\_day ,Count(Distinct order\_id) AS total\_orders from pizzasale

group by TO\_CHAR(order\_date,'FMDAY');

***Output:***

****

**C. Hourly Trend for Orders**

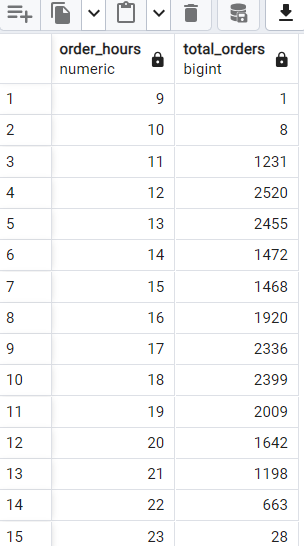
Select Extract(Hour from order\_time) AS order\_hours,

Count(Distinct order\_id) AS total\_orders from pizzasale

group by Extract(Hour from order\_time)

order by Extract(Hour from order\_time)

***Output***

****

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

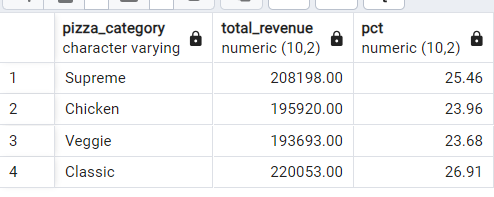
SELECT pizza\_category, CAST(SUM(total\_price) AS DECIMAL(10,2)) as total\_revenue,

CAST(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) from pizza\_sales) AS DECIMAL(10,2)) AS PCT

FROM pizza\_sales

GROUP BY pizza\_category

***Output***

****

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

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

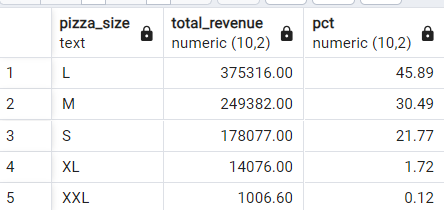
CAST(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) from pizza\_sales) AS DECIMAL(10,2)) AS PCT

FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY pizza\_size

***Output***

****

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

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

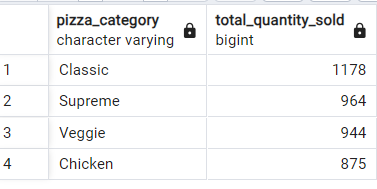
FROM pizza\_sales

WHERE MONTH(order\_date) = 2

GROUP BY pizza\_category

ORDER BY Total\_Quantity\_Sold DESC

***Output***

****

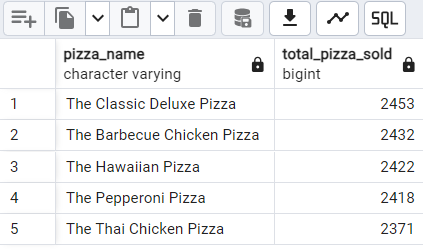
**G. Top 5 Best Sellers by Total Pizzas Sold**

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

FROM pizzasale GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold DESC limit 5

***Output***



**H. Bottom 5 Best Sellers by Total Pizzas Sold**

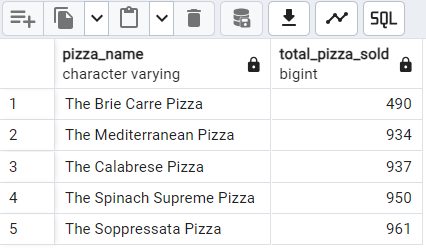
SELECT pizza\_name, SUM(quantity) AS Total\_Pizza\_Sold

FROM pizzasale

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold ASC limit 5

***Output***

****

***NOTE***

If you want to apply the Month, Quarter, Week filters to the above queries you can use WHERE clause. Follow some of below examples

SELECT TO\_CHAR(order\_date,'FMDAY') AS order\_day, COUNT(DISTINCT order\_id) AS total\_orders

FROM pizza\_sales

WHERE EXTRACT(MONTH from order\_date) = 1

GROUP BY TO\_CHAR(order\_date,'FMDAY')

*\*Here MONTH(order\_date) = 1 indicates that the output is for the month of January. MONTH(order\_date) = 4 indicates output for Month of April.*

SELECT TO\_CHAR(order\_date,'FMDAY') AS order\_day, COUNT(DISTINCT order\_id) AS total\_orders

FROM pizza\_sales

WHERE EXTRACT(QUARTER from order\_date) = 1

GROUP BY TO\_CHAR(order\_date,'FMDAY')

*\*Here DATEPART(QUARTER, order\_date) = 1 indicates that the output is for the Quarter 1. MONTH(order\_date) = 3 indicates output for Quarter 3.*