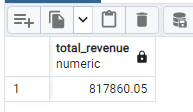
**PIZZA SALE- SQL QUERY REPORT**

**KPI’s :**

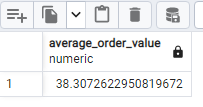
1. **Total Revenue:**

SELECT SUM(total\_price) As total\_revenue FROM pizza\_orders



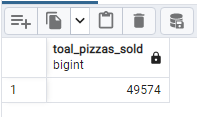
1. **Average Order Value:**

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



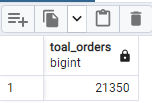
1. **Total Pizzas Sold:**

SELECT SUM(quantity) AS Toal\_pizzas\_sold from pizza\_orders



1. **Total Orders:**

SELECT COUNT(DISTINCT order\_id) AS Toal\_Orders FROM pizza\_orders



1. **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\_orders;

**OR**

SELECT TO\_CHAR(

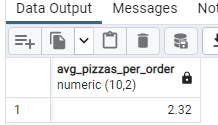
CAST(SUM(quantity) AS decimal(10,2)) /

CAST(COUNT(DISTINCT order\_id) AS decimal(10,2)),

'9999.99'

) AS Avg\_pizzas\_per\_order

FROM pizza\_orders;



**Problem Statements:**

1. **Hourly Trend for Total Pizzas Sold:**

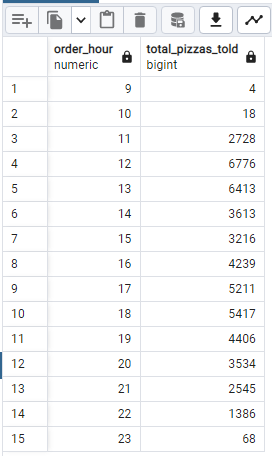
SELECT EXTRACT(HOUR FROM order\_time) AS order\_hour,

SUM(quantity) AS total\_pizzas\_told

FROM pizza\_orders

GROUP BY EXTRACT(HOUR FROM order\_time)

ORDER BY EXTRACT(HOUR FROM order\_time) ASC



1. **Weekly Trend for Total Orders:**

SELECT EXTRACT(WEEK FROM order\_date) AS order\_week,

EXTRACT(YEAR FROM order\_date) AS order\_year,

COUNT(DISTINCT order\_id) AS total\_orders

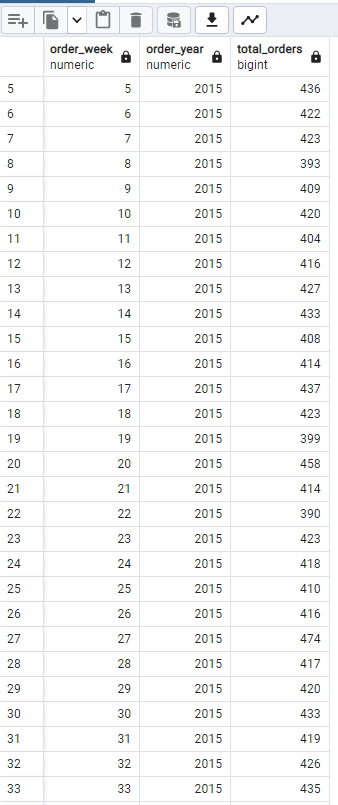
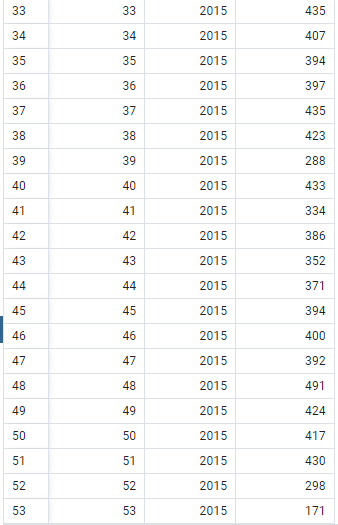
FROM pizza\_orders

GROUP BY EXTRACT(WEEK FROM order\_date),

EXTRACT(YEAR FROM order\_date)

ORDER BY EXTRACT(WEEK FROM order\_date),

EXTRACT(YEAR FROM order\_date)

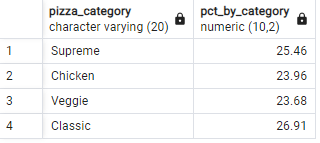
1. **Percentage of Sales by Pizza Category:**

SELECT pizza\_category,

SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizza\_orders) AS PCT\_by\_category

FROM pizza\_orders

GROUP BY pizza\_category;



1. **Percentage of Sales by Pizza Size:**

SELECT pizza\_size,

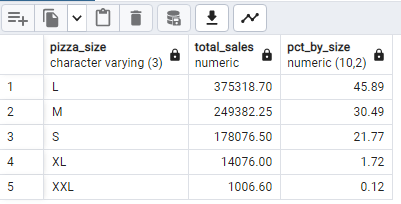
SUM(total\_price) AS total\_sales,

CAST(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizza\_orders) AS decimal(10,2)) AS PCT\_by\_size

FROM pizza\_orders

GROUP BY pizza\_size

ORDER BY PCT\_by\_size DESC

****

1. **Total Pizzas Sold by Pizza Category:**

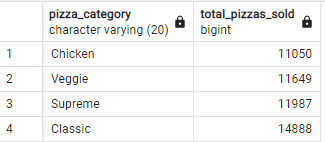
SELECT pizza\_category,

SUM(quantity) AS total\_pizzas\_sold

FROM pizza\_orders

GROUP BY pizza\_category

ORDER BY SUM(quantity);



1. **Top 5 Best Sellers by Revenue, Total Quantity and Total Orders**

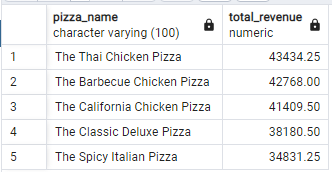
**Revenue**:

SELECT pizza\_name, SUM(total\_price) AS total\_revenue FROM pizza\_orders

GROUP BY pizza\_name

ORDER BY total\_revenue DESC

LIMIT 5;



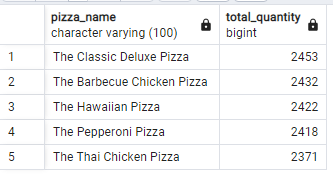
**Total\_Quanity:**

SELECT pizza\_name, SUM(quantity) AS total\_quantity FROM pizza\_orders

GROUP BY pizza\_name

ORDER BY total\_quantity DESC

LIMIT 5;



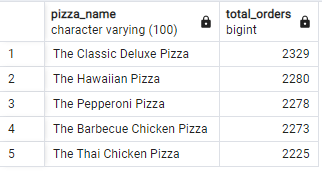
**Total\_orders:**

SELECT pizza\_name, COUNT(DISTINCT order\_id) AS total\_orders FROM pizza\_orders

GROUP BY pizza\_name

ORDER BY total\_orders DESC

LIMIT 5;



1. **Bottom 5 Best Sellers by Revenue, Total Quantity and Total Orders**

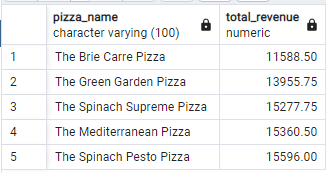
**Revenue :**

SELECT pizza\_name, SUM(total\_price) AS total\_revenue FROM pizza\_orders

GROUP BY pizza\_name

ORDER BY total\_revenue ASC

LIMIT 5;

****

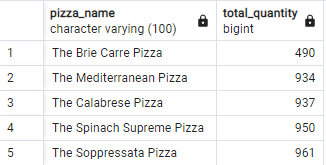
**Total\_Quantity:**

SELECT pizza\_name, SUM(quantity) AS total\_quantity FROM pizza\_orders

GROUP BY pizza\_name

ORDER BY total\_quantity ASC

LIMIT 5;



**Total \_Orders:**

SELECT pizza\_name, COUNT(DISTINCT order\_id) AS total\_orders FROM pizza\_orders

GROUP BY pizza\_name

ORDER BY total\_orders ASC

LIMIT 5;

