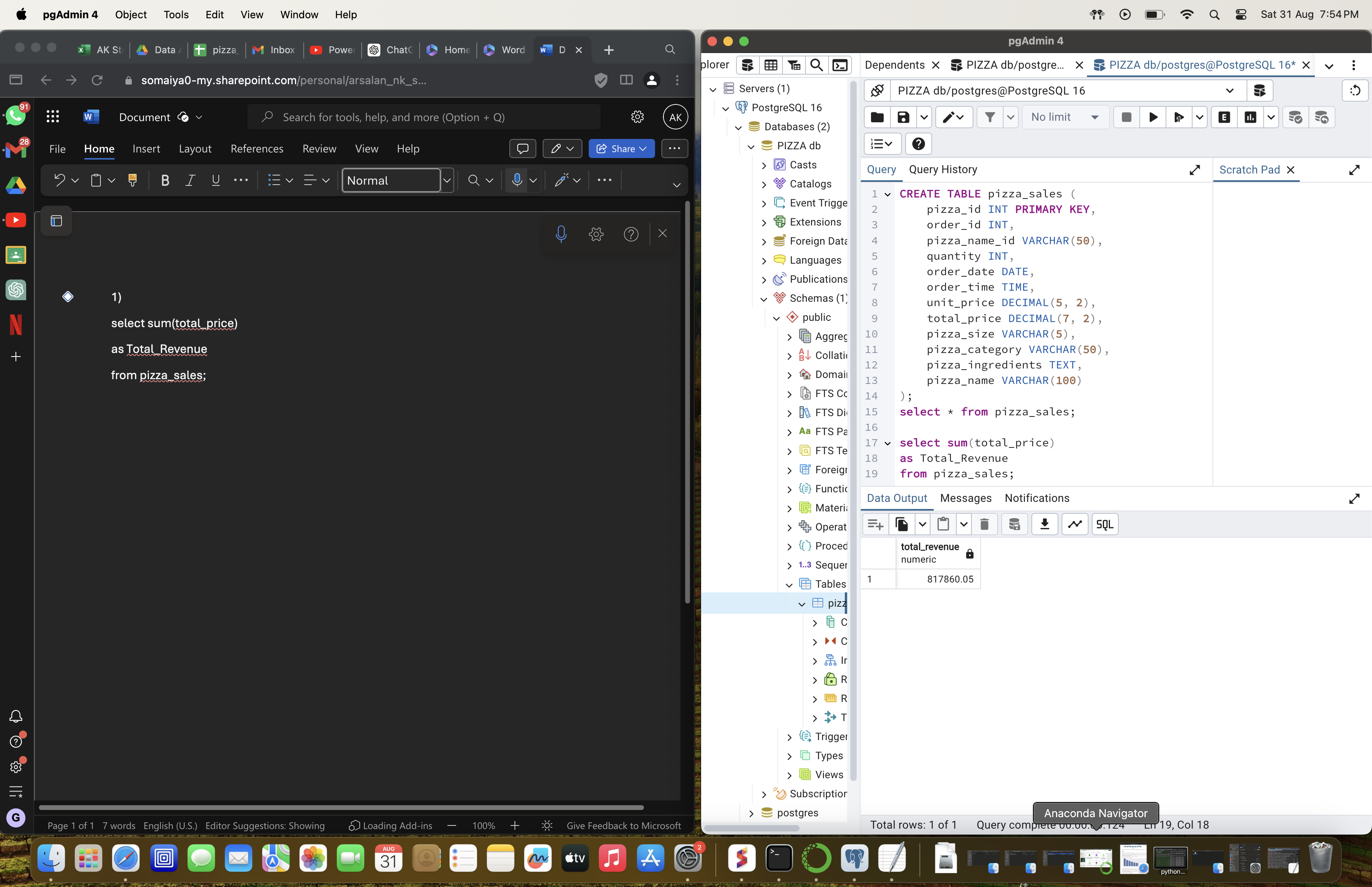
**A) KPI’S:**-  
  
**1) TOTAL REVENUE**

select sum(total\_price)

as Total\_Revenue

from pizza\_sales;  


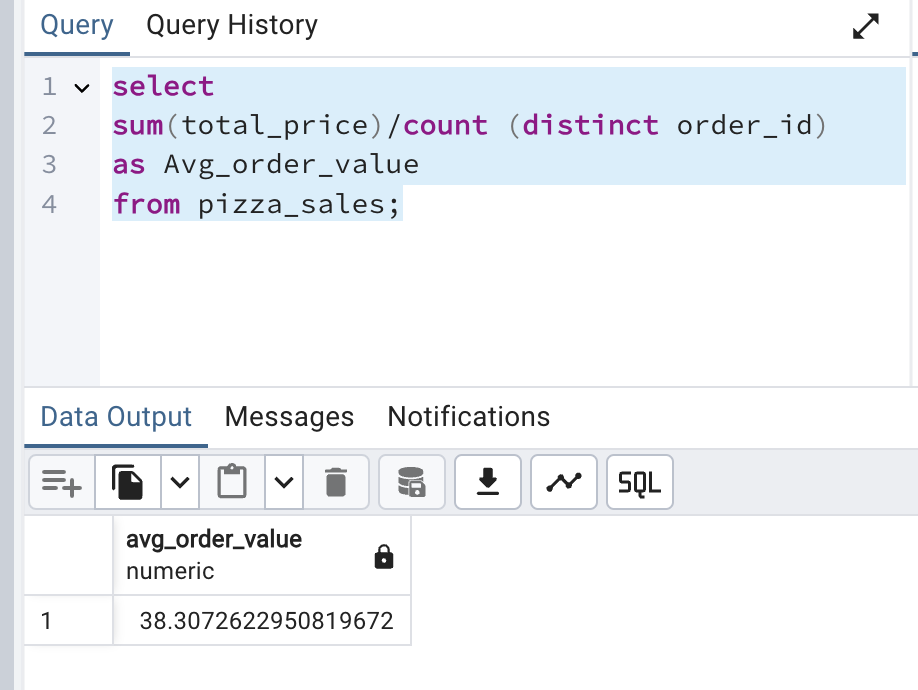
**2)AVG ORDER VALUE**

select

sum(total\_price)/count (distinct order\_id)

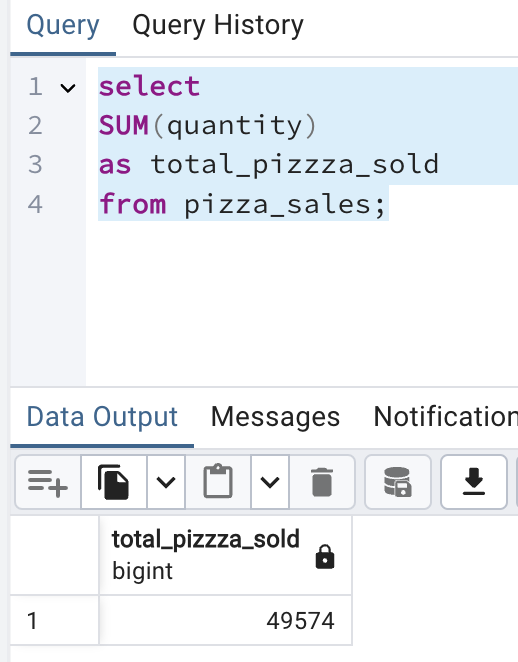
as Avg\_order\_value

from pizza\_sales;



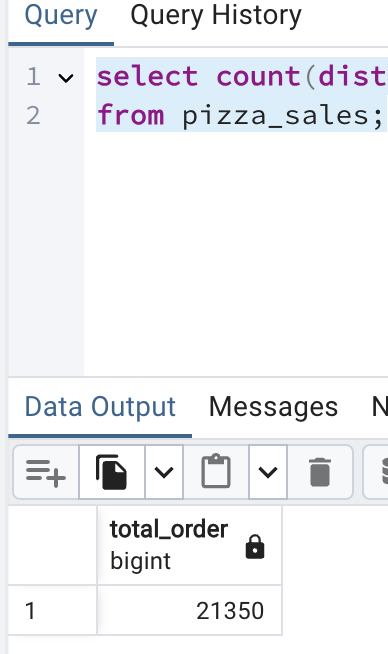
**3)Total pizza sold**

select SUM(quantity) as total\_pizzza\_sold from pizza\_sales;

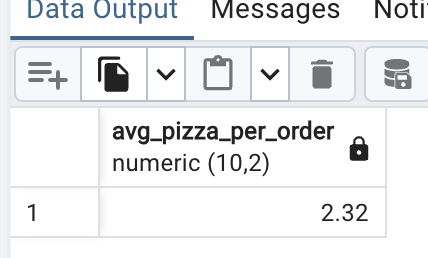


**4)Total orders**  
select count(distinct order\_id)as total\_order

from pizza\_sales;



**5) Avg pizza 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\_pizza\_per\_order from pizza\_sales;



**B)CHART REQUIREMENTS**

**1)DAILY TREND FOR TOTAL ORDERS**

SELECT

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

COUNT(DISTINCT order\_id) AS total\_orders

FROM

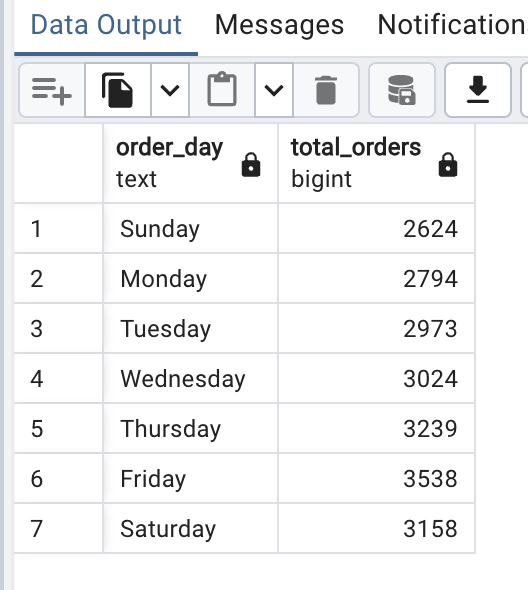
pizza\_sales

GROUP BY

TO\_CHAR(order\_date, 'Day'), EXTRACT(DOW FROM order\_date)

ORDER BY

EXTRACT(DOW FROM order\_date);



**2)MONTHLY TREND OF TOTAL ORDERS**  
**SELECT**

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

**FROM pizza\_sales**

**GROUP BY**

**TO\_CHAR(order\_date, 'MONTH'), EXTRACT(MONTH FROM order\_date)**

**ORDER BY EXTRACT(MONTH FROM order\_date);**



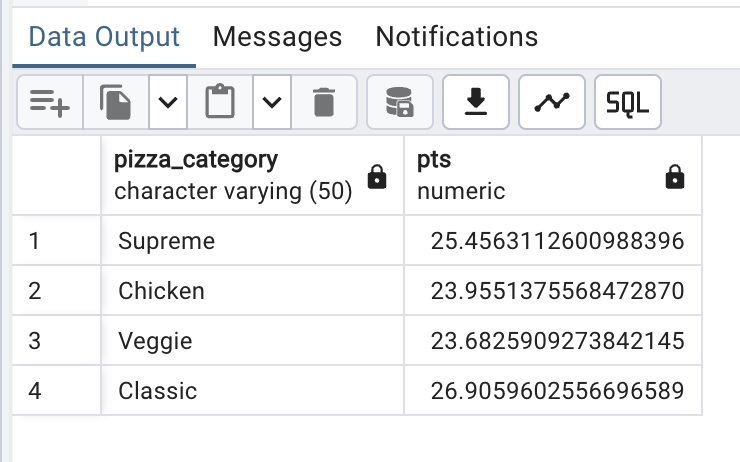
3)PERCENTAGE OF SALES BY PIZZA CATEGORY

**select pizza\_category,sum(total\_price)\*100/**

**(select sum(total\_price) from pizza\_sales) as pts**

**from pizza\_sales**

**group by pizza\_category**



**4) BY PIZZA SIZE**

**SELECT pizza\_size,**

**cast(SUM(total\_price) \* 100.0 /**

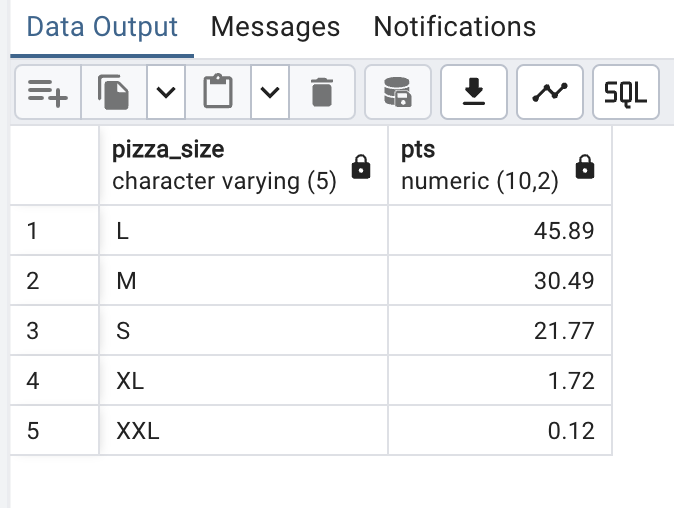
**(SELECT SUM(total\_price)**

**FROM pizza\_sales)as decimal(10,2)) AS pts**

**FROM pizza\_sales**

**GROUP BY pizza\_size**

**order by pts desc;**

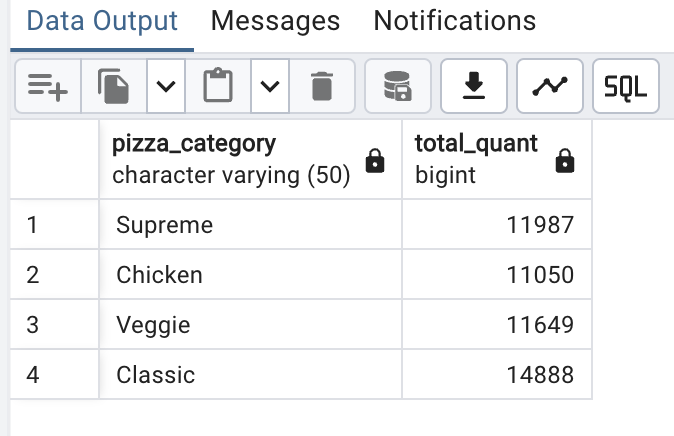


**5)TOTAL PIZZA SOLD BY PIZZA CATEGORY**

**SELECT pizza\_category,sum(quantity)as total\_quant**

**FROM pizza\_sales**

**GROUP BY pizza\_category;**



**6)TOP 5 BESTSELLERS BY REVENUE,QUANTITY,TOTAL ORDERS**

**By revenue**

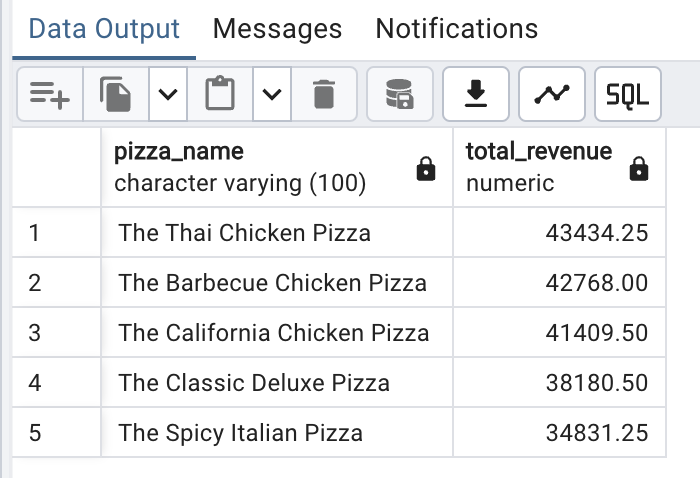
**SELECT pizza\_name, SUM(total\_price) AS Total\_Revenue**

**FROM pizza\_sales**

**GROUP BY pizza\_name**

**ORDER BY Total\_Revenue DESC**

**LIMIT 5;**



**By quantity**

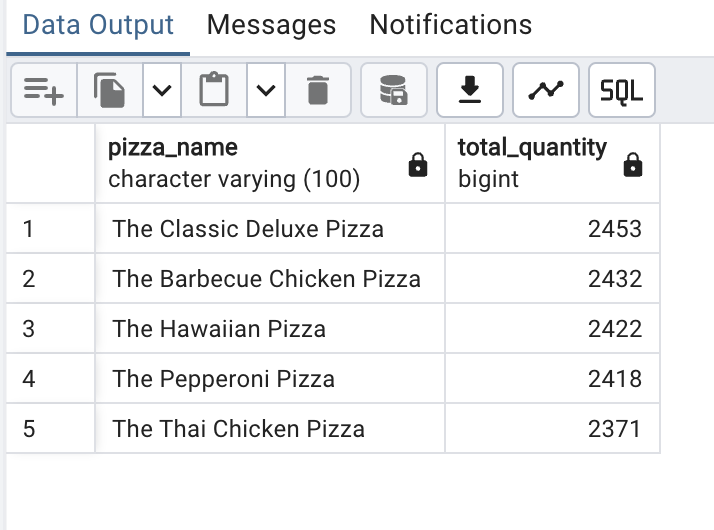
**SELECT pizza\_name, SUM(quantity) AS Total\_quantity**

**FROM pizza\_sales**

**GROUP BY pizza\_name**

**ORDER BY Total\_quantity DESC**

**LIMIT 5;**



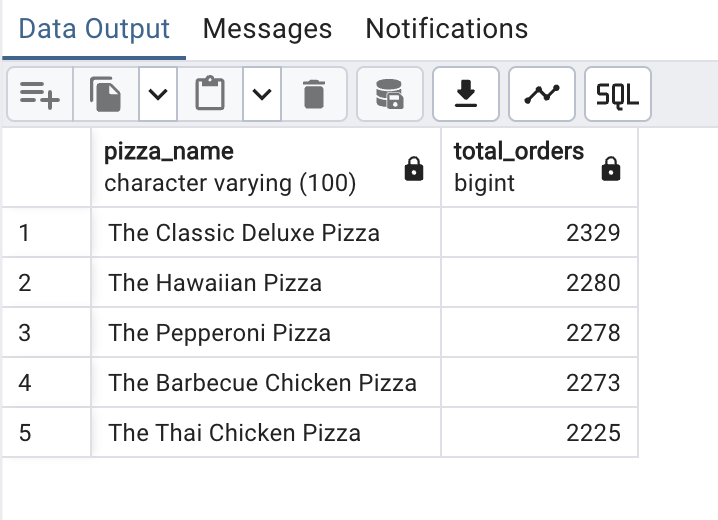
**Total orders**  
**SELECT pizza\_name,COUNT(DISTINCT order\_id) AS Total\_Orders**

**FROM pizza\_sales**

**GROUP BY pizza\_name**

**ORDER BY Total\_orders DESC**

**LIMIT 5;**



**7)BOTTOM 5**

**Total order**

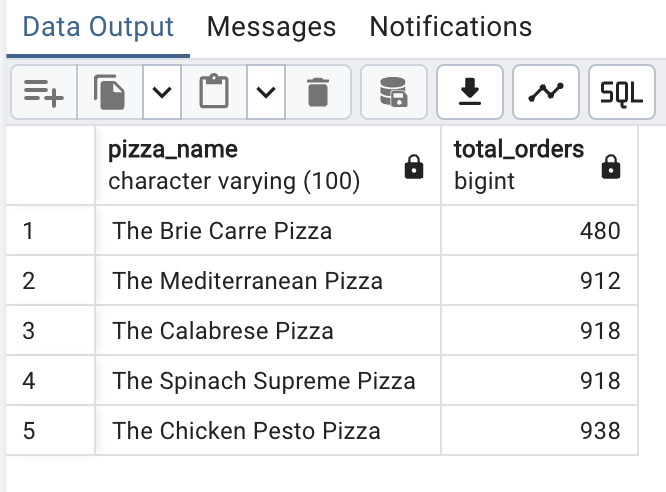
**SELECT pizza\_name,COUNT(DISTINCT order\_id) AS Total\_Orders**

**FROM pizza\_sales**

**GROUP BY pizza\_name**

**ORDER BY Total\_orders asc**

**LIMIT 5;**



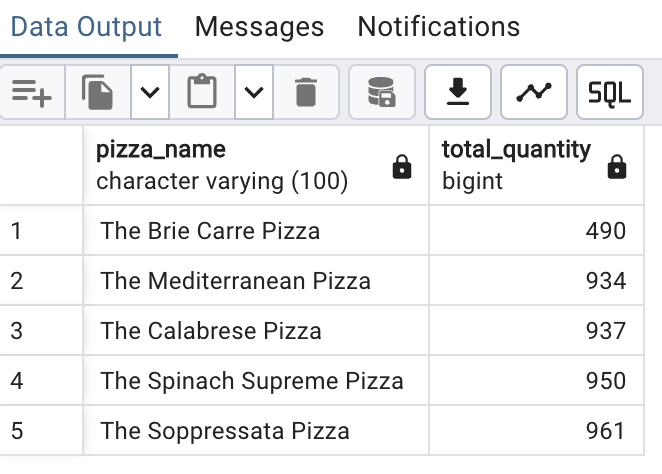
**By quantity**  
**SELECT pizza\_name, SUM(quantity) AS Total\_quantity**

**FROM pizza\_sales**

**GROUP BY pizza\_name**

**ORDER BY Total\_quantity asc**

**LIMIT 5;**



**By revenue**

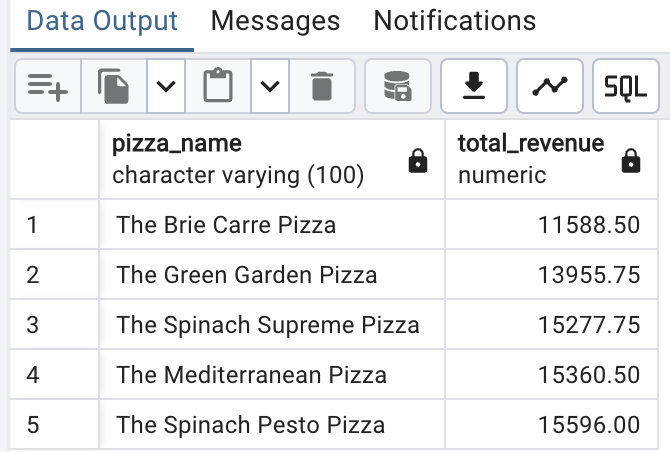
**SELECT pizza\_name, SUM(total\_price) AS Total\_Revenue**

**FROM pizza\_sales**

**GROUP BY pizza\_name**

**ORDER BY Total\_Revenue asc**

**LIMIT 5;**



***NOTE***

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 Top 5 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