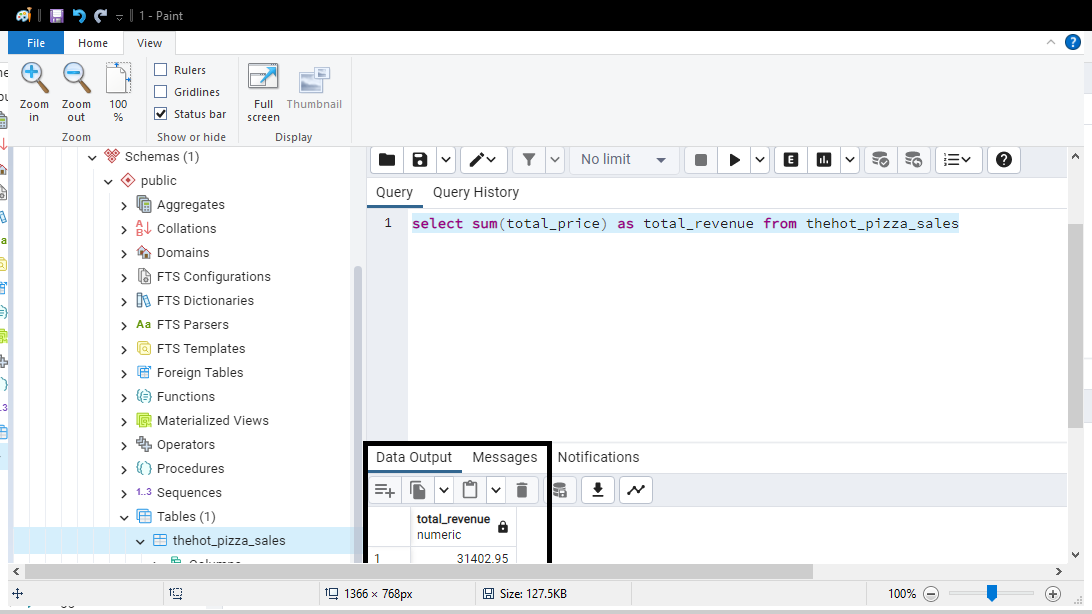
***SQL QUERIES***

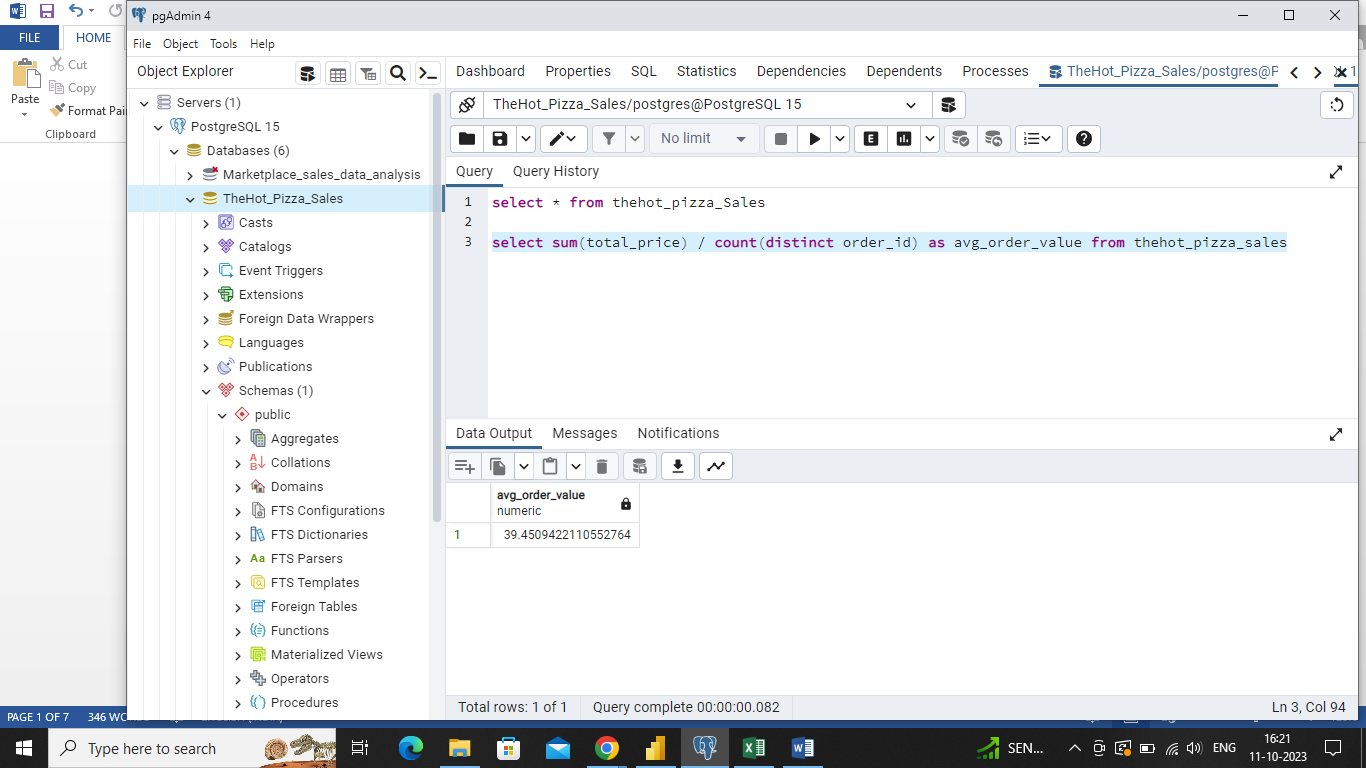
1- **Total revenue** : ***The sum of the total price of all pizza orders.***

select sum(total\_price) as total\_revenue from thehot\_pizza\_sales



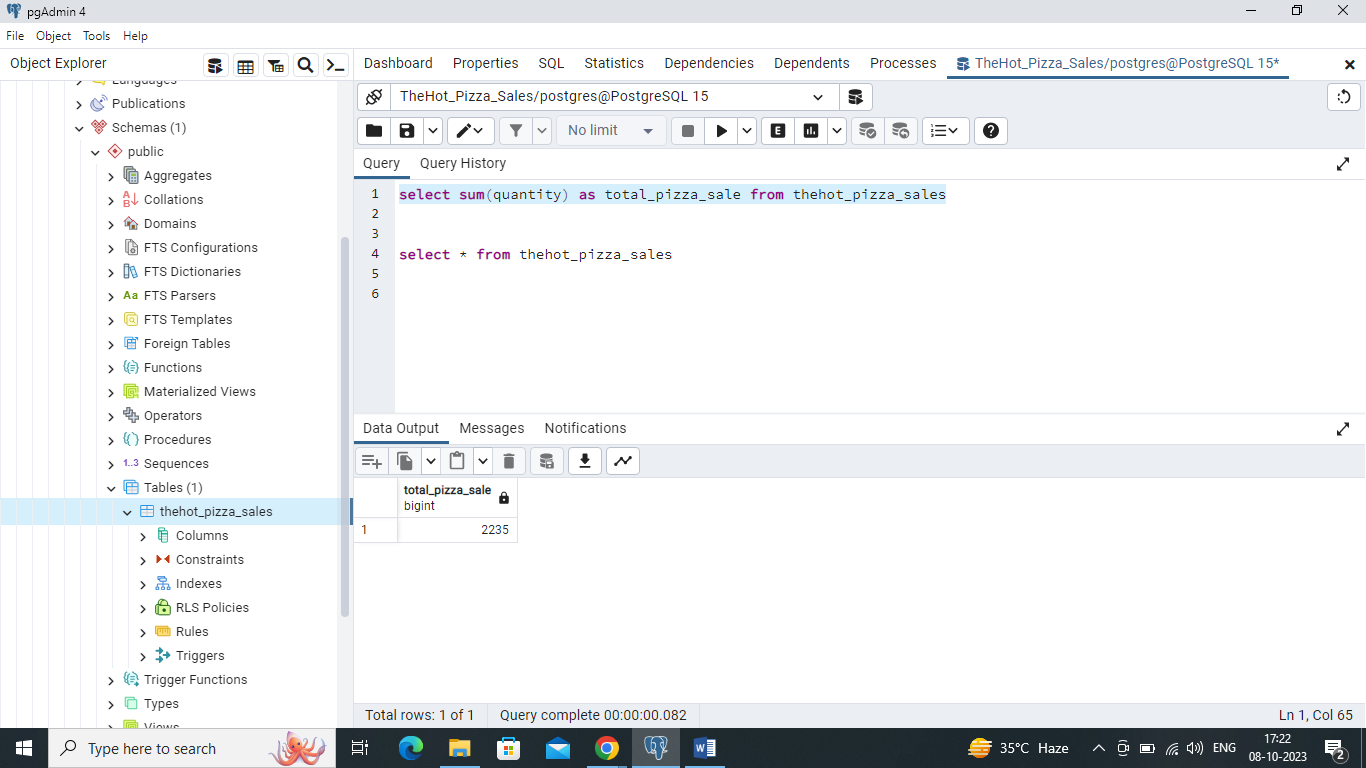
**2- Average Order Value : *The average amount spent per order, calculated by dividing the total revenue by the total number of orders.***

select sum(total\_price) / count(distinct order\_id) as avg\_order\_value from thehot\_pizza\_sales



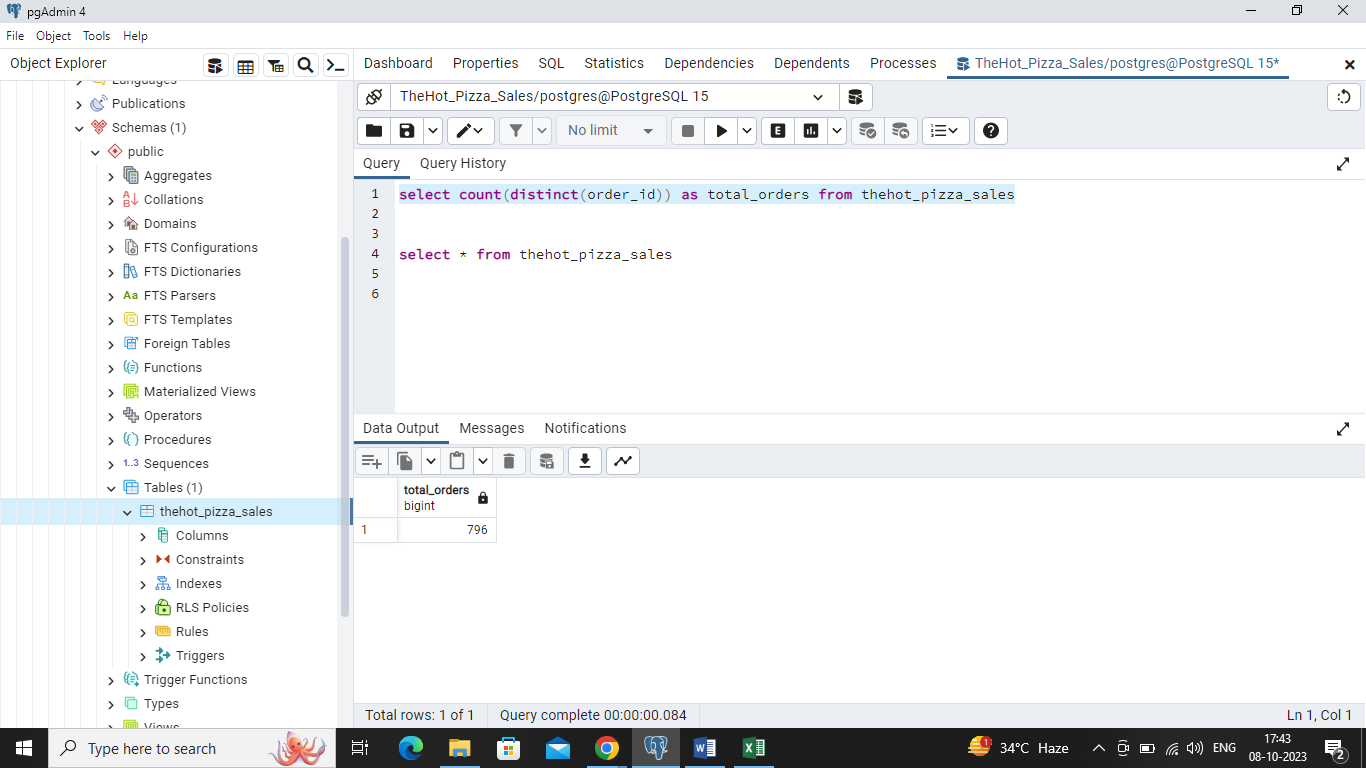
**3- Total pizzas sold :** ***The sum of the quantities of all pizzas sold.***

select sum(quantity) as total\_pizza\_sale from thehot\_pizza\_sales



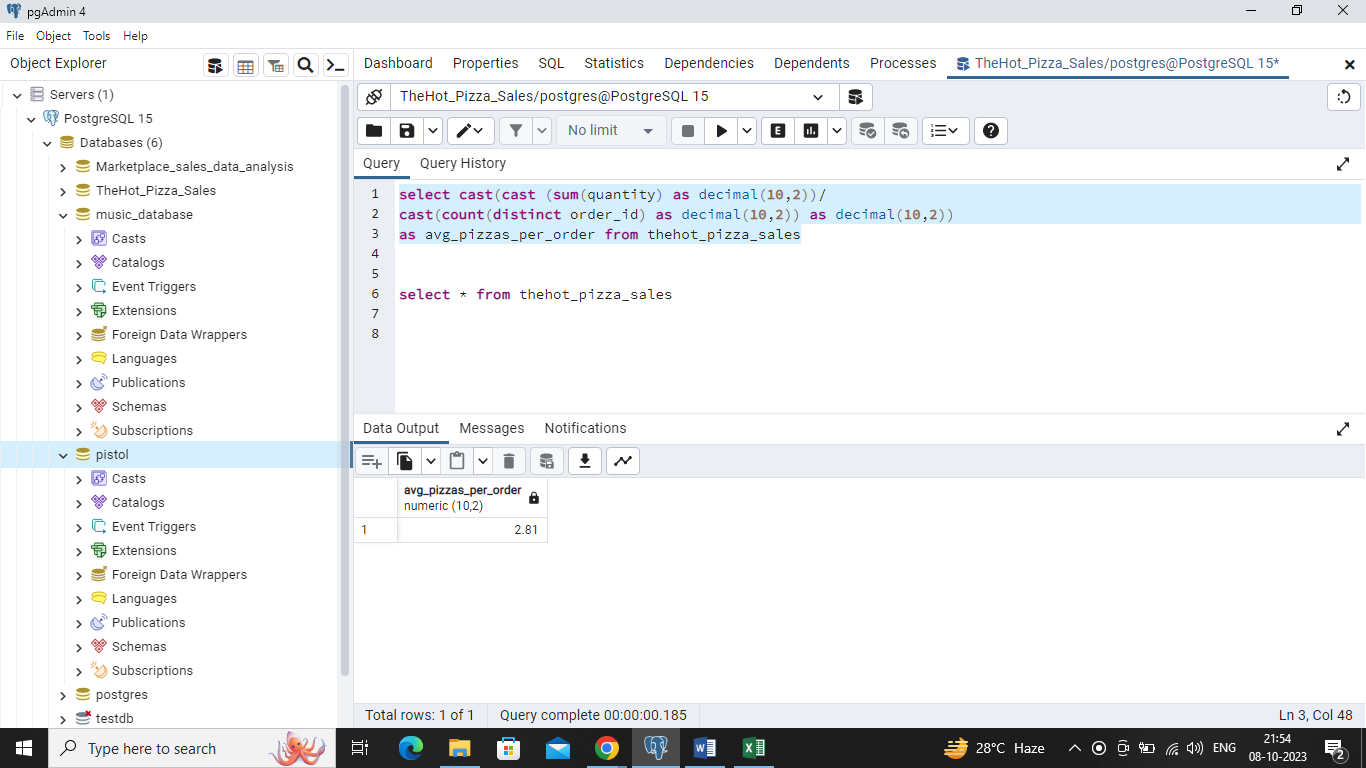
**4- Total Orders :** ***The total numbers of orders placed.***

select count(distinct(order\_id)) as total\_orders from thehot\_pizza\_sales



**5- Average pizzas per order :** ***The average number of pizzas sold per order, calculated by dividing the total number of pizzas sold by the total number of orders.***

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 thehot\_pizza\_sales

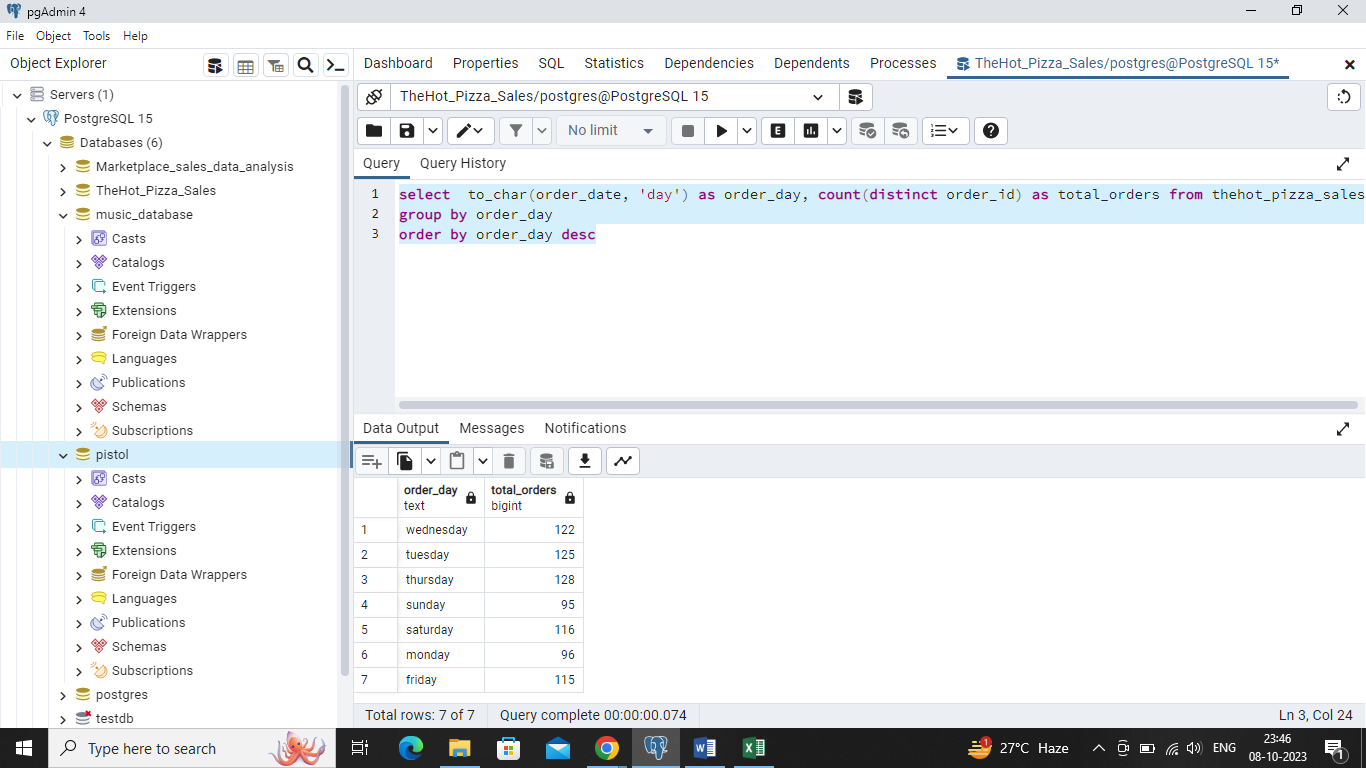


**6- Daily trend for total orders :**

select to\_char(order\_date, 'day') as order\_day, count(distinct order\_id) as total\_orders from thehot\_pizza\_sales

group by order\_day

order by order\_day desc

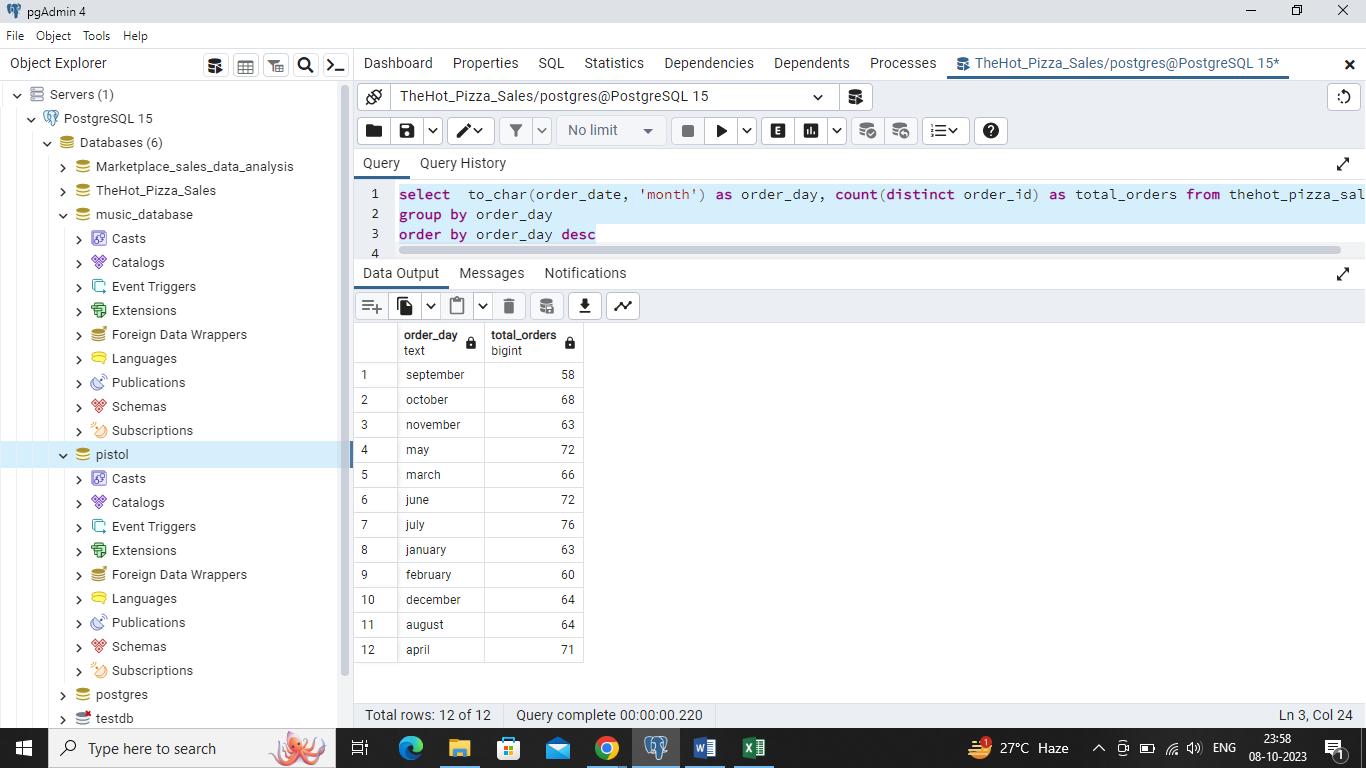


**7- Monthly trend for total order :**

select to\_char(order\_date, 'month') as order\_day, count(distinct order\_id) as total\_orders from thehot\_pizza\_sales

group by order\_day

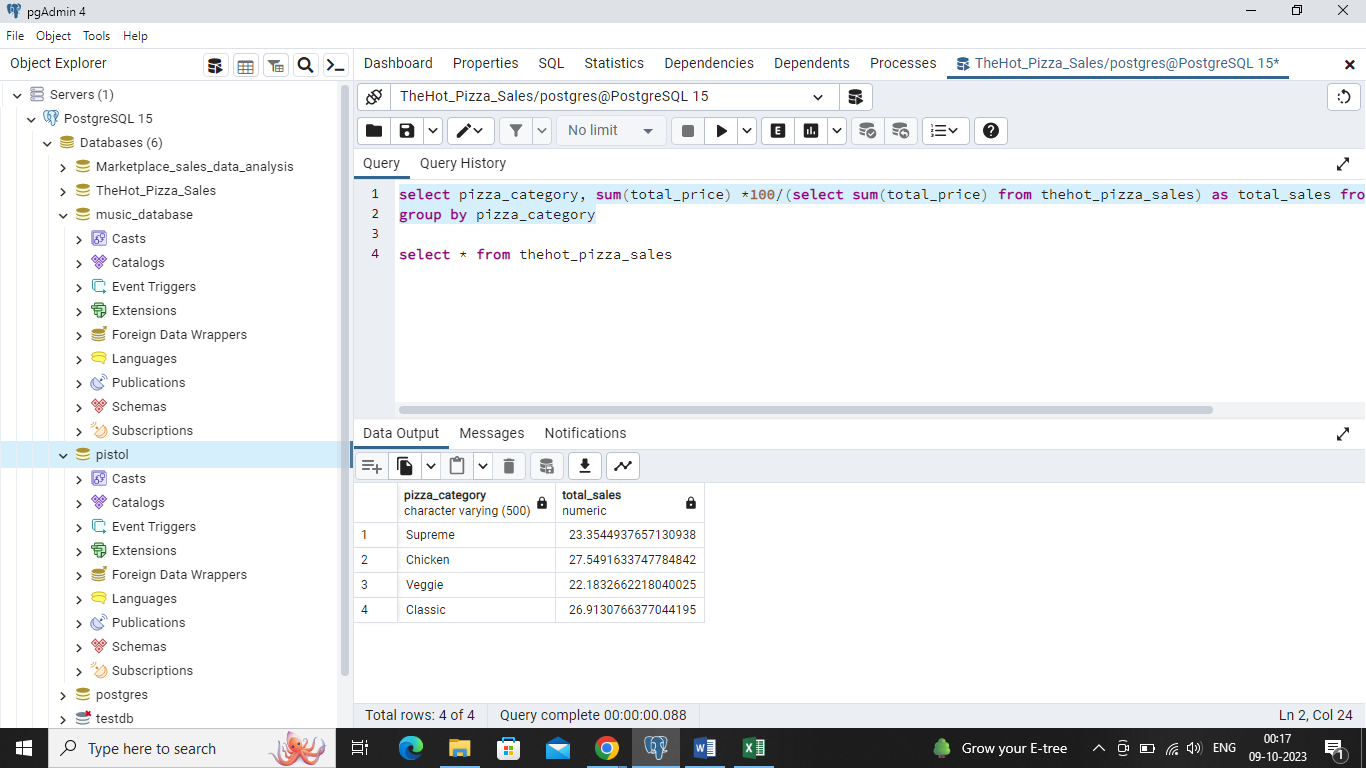
order by order\_day desc



**8- Percentage of sales by pizza category :**

select pizza\_category, sum(total\_price) \*100/(select sum(total\_price) from thehot\_pizza\_sales) as total\_sales from thehot\_pizza\_sales

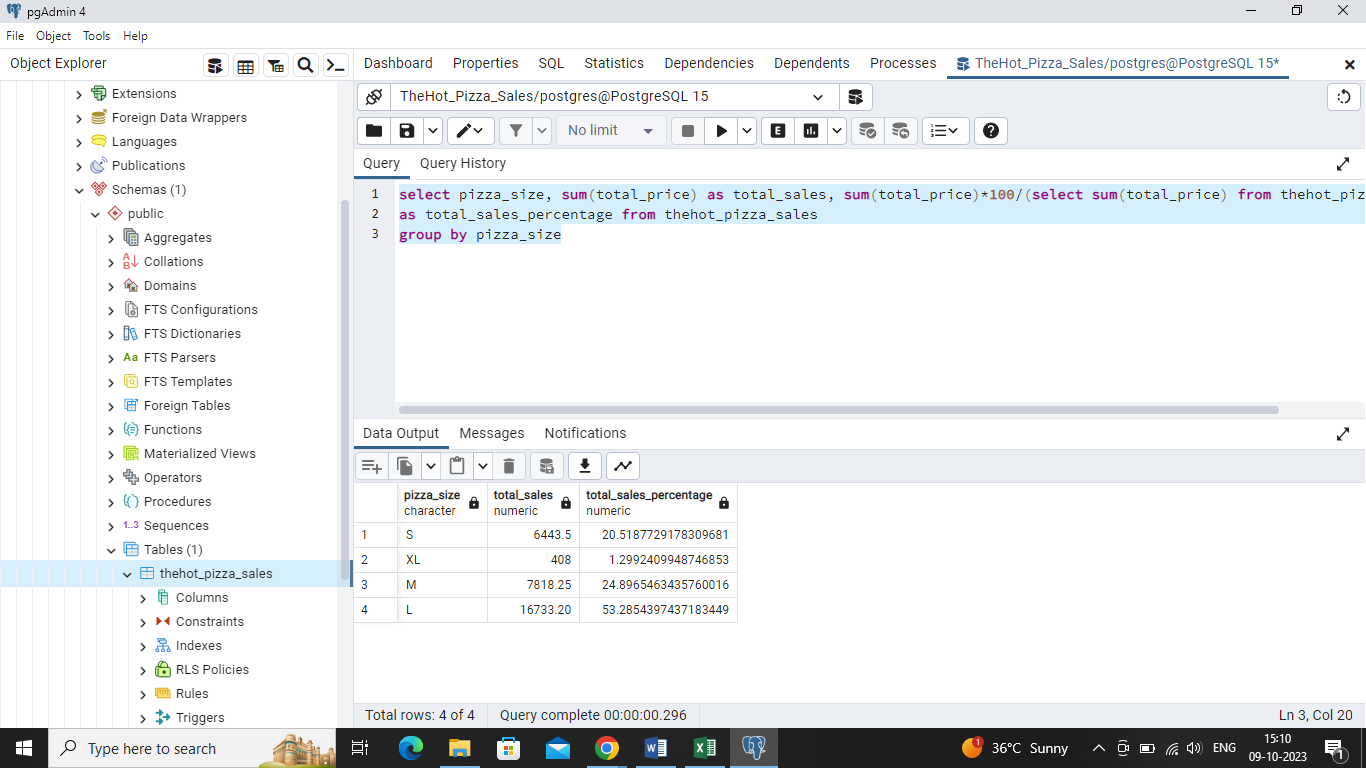
group by pizza\_category



**9- Percentage of sales by pizza size :**

select pizza\_size, sum(total\_price) as total\_sales, sum(total\_price)\*100/(select sum(total\_price) from thehot\_pizza\_sales) as total\_sales\_percentage from thehot\_pizza\_sales

group by pizza\_size



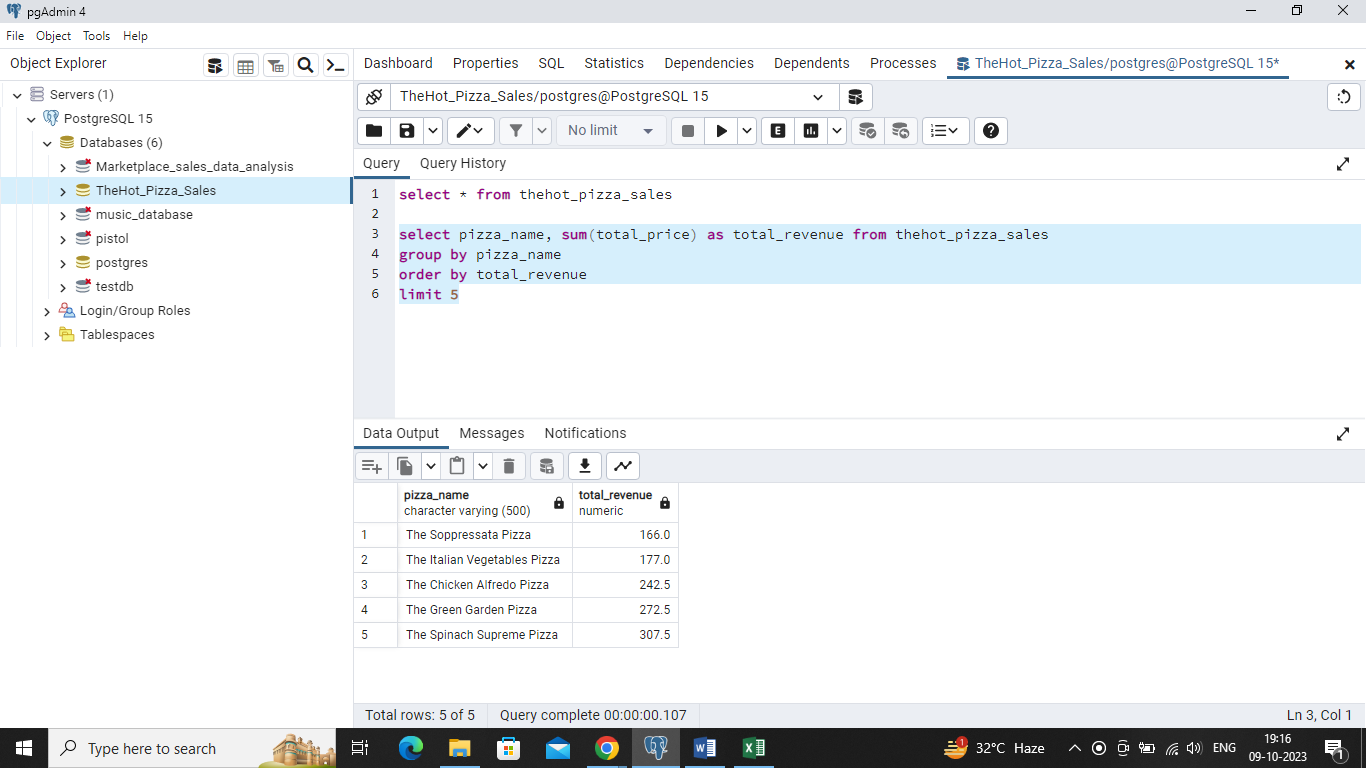
**10- Bottom 5 sellers by (a) revenue, (b) total quantity and (c) total orders**

**(a)** select pizza\_name, sum(total\_price) as total\_revenue from thehot\_pizza\_sales

group by pizza\_name

order by total\_revenue

limit 5

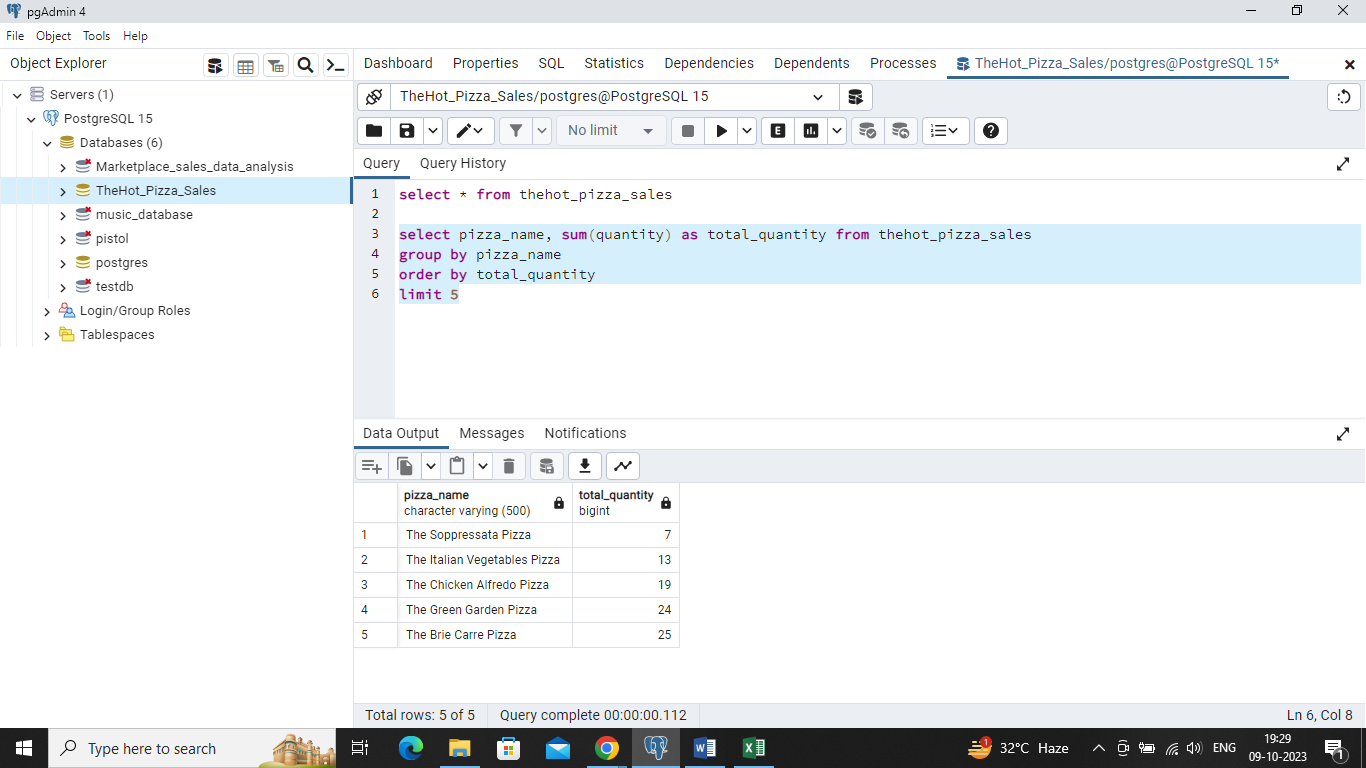


**(b)** select pizza\_name, sum(quantity) as total\_quantity from thehot\_pizza\_sales

group by pizza\_name

order by total\_quantity

limit 5

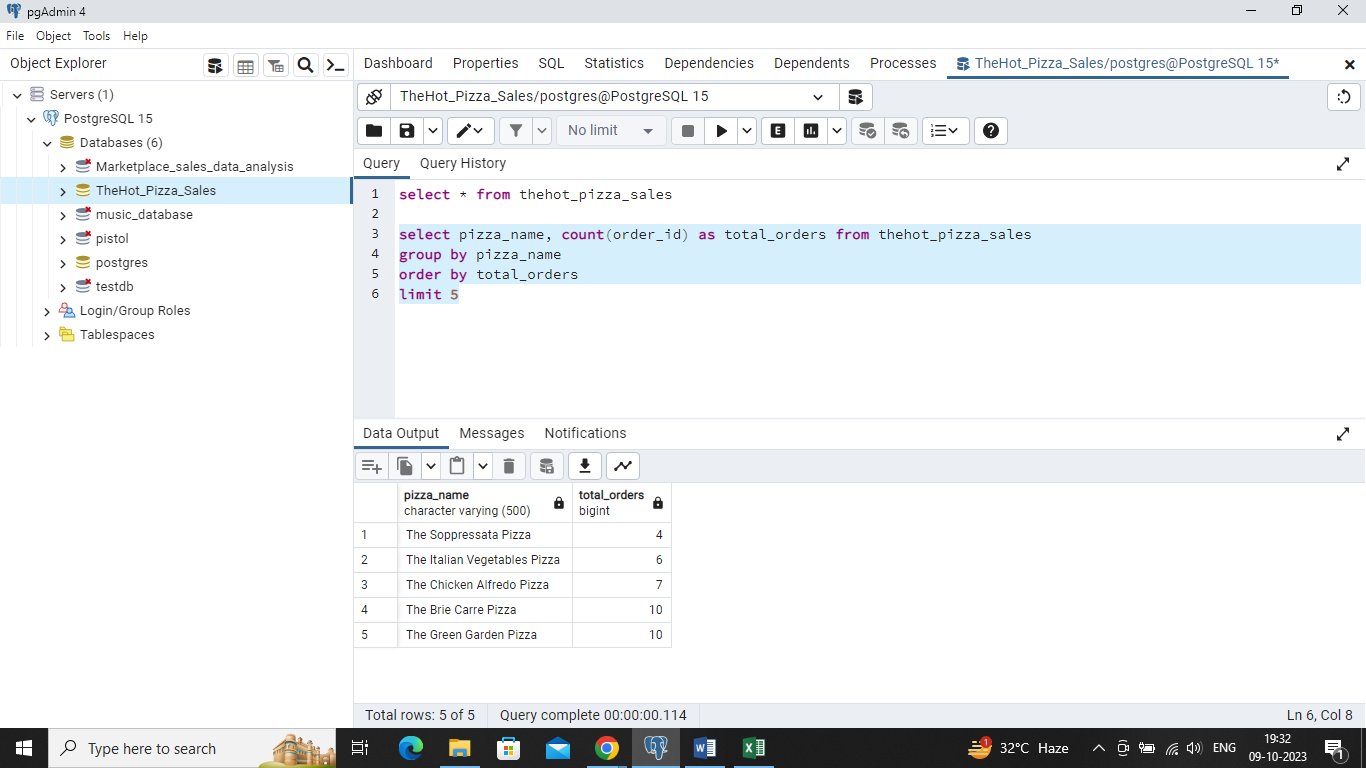


**(c)** select pizza\_name, count(order\_id) as total\_orders from thehot\_pizza\_sales

group by pizza\_name

order by total\_orders

limit 5



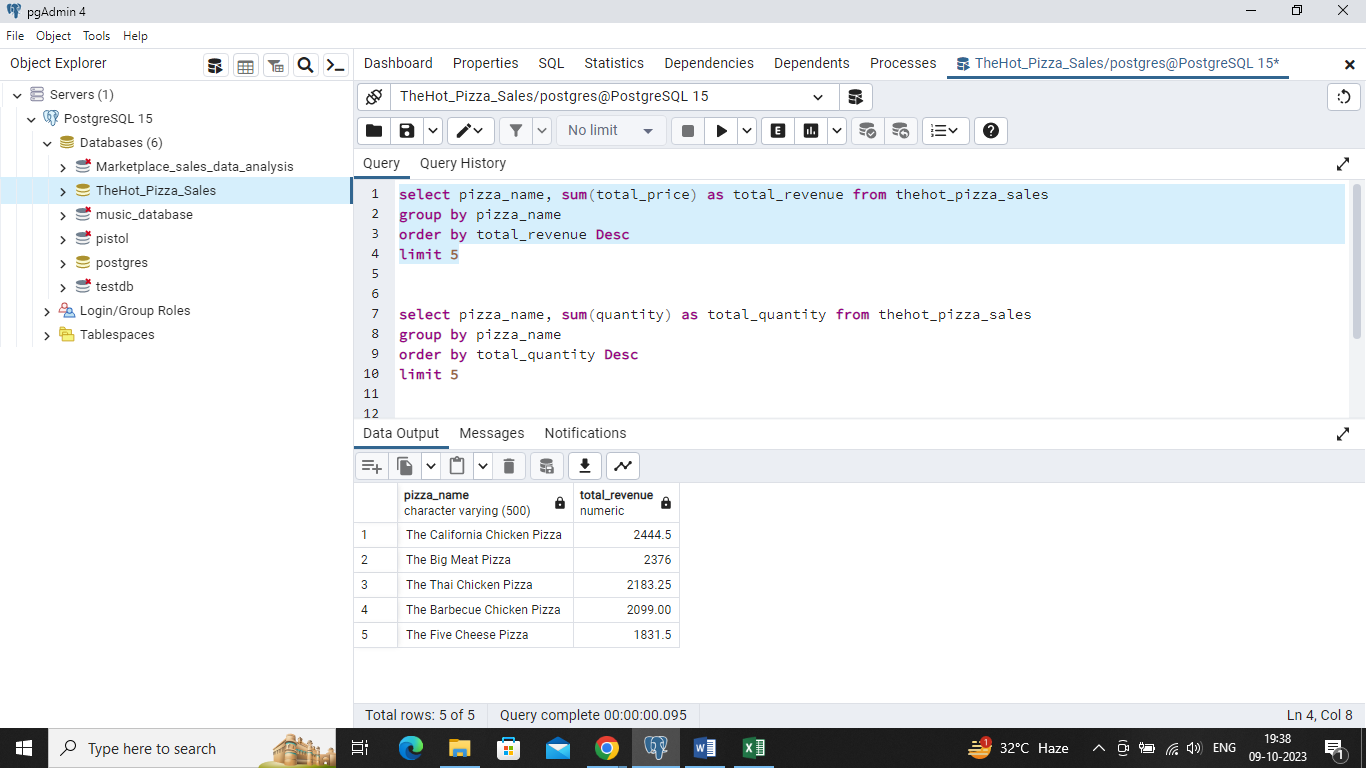
**11- Top 5 sellers by (a) revenue, (b) total quantity and (c) total orders**

(a) select pizza\_name, sum(total\_price) as total\_revenue from thehot\_pizza\_sales

group by pizza\_name

order by total\_revenue Desc

limit 5

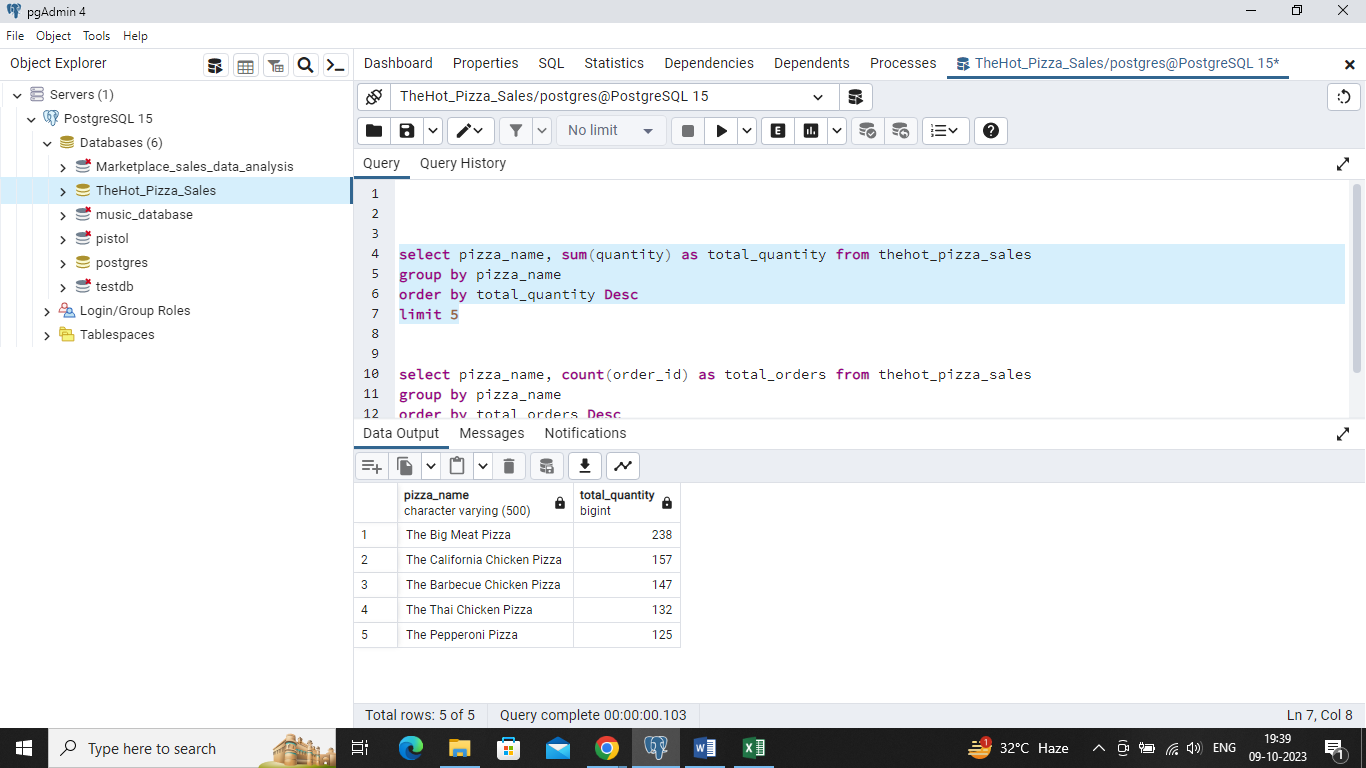


**(b)** select pizza\_name, sum(quantity) as total\_quantity from thehot\_pizza\_sales

group by pizza\_name

order by total\_quantity Desc

limit 5



**(c)** select pizza\_name, count(order\_id) as total\_orders from thehot\_pizza\_sales

group by pizza\_name

order by total\_orders Desc

limit 5

