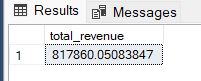
**Pizza Sales SQL Queries**

**KPI’s requirements:**

1. **Total revenue:**

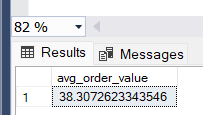
SELECT SUM(total\_price) as total\_revenue from pizza\_sales



1. **Avg order value:**

SELECT SUM(total\_price)/count(distinct order\_id) AS avg\_order\_value

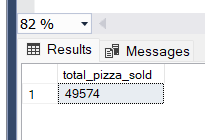
FROM pizza\_sales;



1. **Total pizzas sold:**

SELECT SUM(quantity) as total\_pizza\_sold

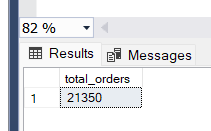
FROM pizza\_sales;



1. **Total orders:**

SELECT COUNT(distinct order\_id) as total\_orders

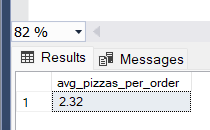
from pizza\_sales



1. **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\_pizzas\_per\_order

from pizza\_sales



**Charts requirements:**

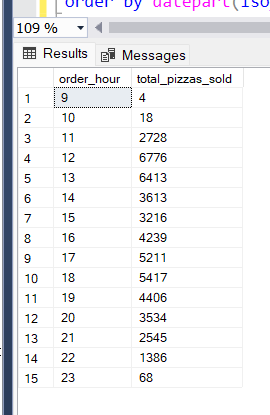
**1. hourly trend for total pizzas sold:**

SELECT datepart(hour,order\_time) as order\_hour, sum(quantity) as total\_pizzas\_sold

FROM pizza\_sales

group by datepart(hour,order\_time)

order by datepart(hour,order\_time)



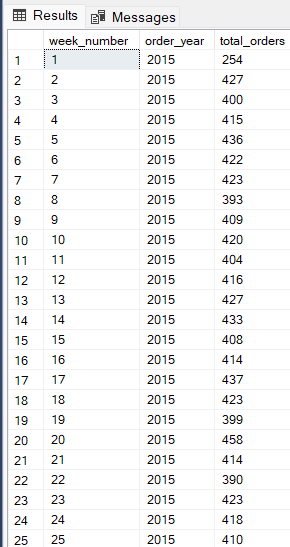
**2. weekly trend for total orders:**

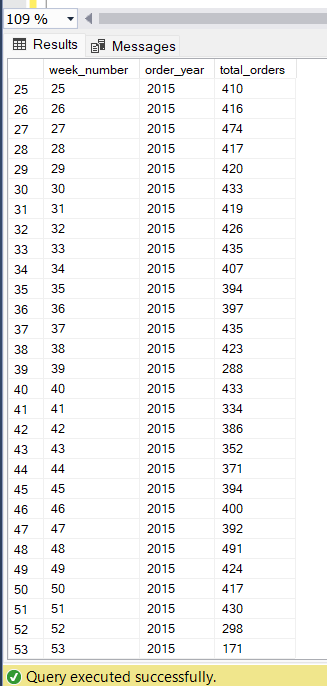
select datepart(iso\_week, order\_date) as week\_number, year (order\_date) as order\_year,

count(distinct order\_id) as total\_orders from pizza\_sales

group by datepart(iso\_week, order\_date),year (order\_date)

order by datepart(iso\_week, order\_date),year (order\_date)





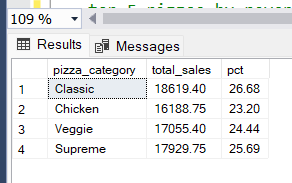
**3. percentage of sales by pizza category:**

select pizza\_category,cast(sum(total\_price)as decimal(10,2)) as total\_sales, cast(sum(total\_price)\*100/(select sum(total\_price)from pizza\_sales where month(order\_date) = 1) as decimal(10,2))as pct

from pizza\_sales

where month(order\_date) = 1

group by pizza\_category



**4. percentage of sales by pizza size:**

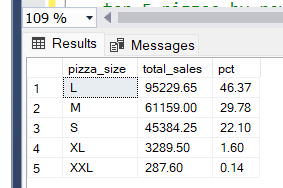
select pizza\_size,cast(sum(total\_price)as decimal(10,2)) as total\_sales,cast ( sum(total\_price)\*100/(select sum(total\_price)from pizza\_sales where datepart(quarter, order\_date) = 1) as decimal(10,2)) as pct

from pizza\_sales

where datepart(quarter, order\_date) = 1

group by pizza\_size

order by pct desc



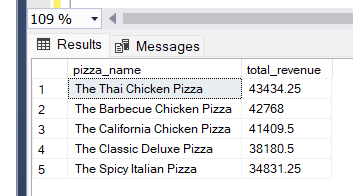
**5. a)top 5 pizzas by revenue:**

select top 5 pizza\_name,sum(total\_price) as total\_revenue

from pizza\_sales

group by pizza\_name

order by total\_revenue desc



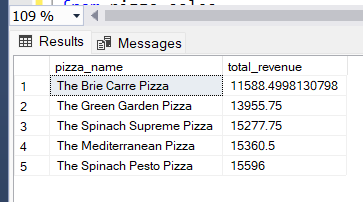
**b) bottom 5 pizzas by revenue:**

select top 5 pizza\_name,sum(total\_price) as total\_revenue

from pizza\_sales

group by pizza\_name

order by total\_revenue



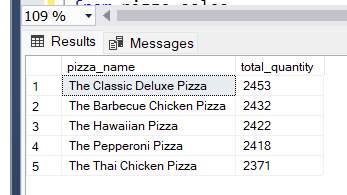
**c) top 5 pizzas by quantity:**

select top 5 pizza\_name,sum(quantity) as total\_quantity

from pizza\_sales

group by pizza\_name

order by total\_quantity desc



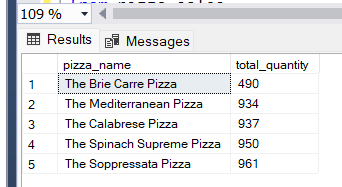
**d) bottom 5 pizzas by quantity:**

select top 5 pizza\_name,sum(quantity) as total\_quantity

from pizza\_sales

group by pizza\_name

order by total\_quantity



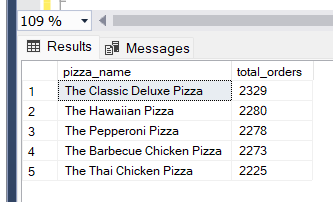
**e) top 5 pizzas by orders:**

select top 5 pizza\_name,count(distinct order\_id) as total\_orders

from pizza\_sales

group by pizza\_name

order by total\_orders desc



**f) bottom 5 pizzas by orders:**

select top 5 pizza\_name,count(distinct order\_id) as total\_orders

from pizza\_sales

group by pizza\_name

order by total\_orders

