**Database name: Pizza DB**

**Table name: Pizza\_sales**

use [Pizza DB]

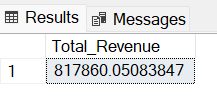
select \* from pizza\_sales

**A. KPI Requirements:**

**1.Total Revenue:**

sum of total price

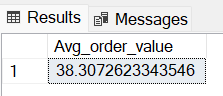
select sum(total\_price) as Total\_Revenue from pizza\_sales

****

**2.Average order value:**

Total revenue / total number of orders

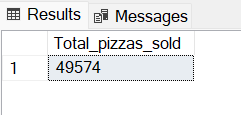
select sum(total\_price)/count(distinct order\_id) as Avg\_order\_value from pizza\_sales



**3.Total pizzas sold:**

Sum of quantities of all pizzas

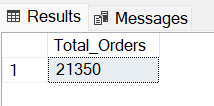
select sum(quantity) as Total\_pizzas\_sold from pizza\_sales



**4.Total orders:**

Count of unique order id’s

select count(distinct order\_id) as Total\_Orders from pizza\_sales



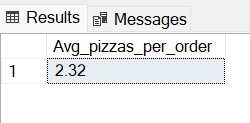
**5.Avarage pizzas per order:**

Sum of quantities / count of unique 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 pizza\_sales



**B. Charts Requirements:**

**1.Daily trend for total orders:**

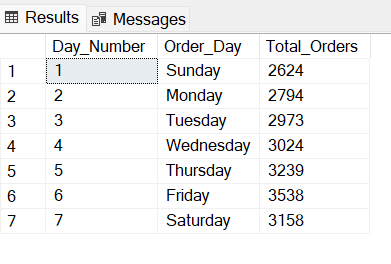
count of total orders by weekdays

select DATEPART(dw,order\_date) as Day\_Number,DATENAME(dw,order\_date) as Order\_Day, count(distinct order\_id) as Total\_Orders

from pizza\_sales

group by DATENAME(dw,order\_date),DATEPART(dw,order\_date)

order by DATEPART(dw,order\_date)



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

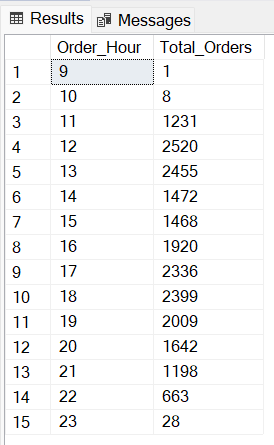
Total orders by Hours

select DATEPART(hour,order\_time) as Order\_Hour, count(distinct order\_id) as Total\_Orders

from pizza\_sales

group by DATEPART(hour,order\_time)

order by DATEPART(hour,order\_time)



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

% of sales (total price) for each category by Pizza category

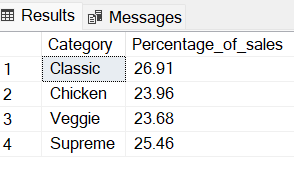
select pizza\_category as Category,

cast(cast(sum(total\_price)\* 100 as decimal(10,0))/(select cast(sum(total\_price) as decimal(10,2)) from pizza\_sales) as decimal(10,2))

as Percentage\_of\_sales

from pizza\_sales

group by pizza\_category



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

% of sales (total price) for each pizza size by Pizza sizes

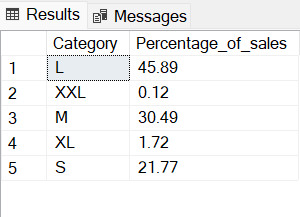
select pizza\_size as Category,

cast(cast(sum(total\_price)\* 100 as decimal(10,0))/(select cast(sum(total\_price) as decimal(10,2)) from pizza\_sales) as decimal(10,2))

as Percentage\_of\_sales

from pizza\_sales

group by pizza\_size



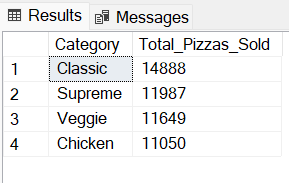
**5.Total pizzas sold by pizza category:**

Total pizzas sold (sum of quantity) by Pizza category

select pizza\_category as Category, sum(quantity) as Total\_Pizzas\_Sold from pizza\_sales

group by pizza\_category

order by sum(quantity) desc



**6.Top 5 best sellers by total pizzas sold:**

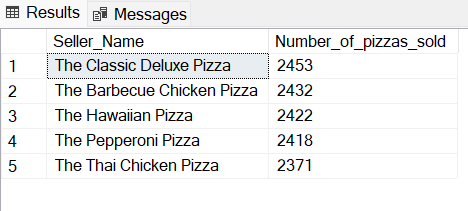
Top 5 pizza sellers name wrt quantity

select top 5 pizza\_name as Seller\_Name,sum(quantity) as Number\_of\_pizzas\_sold

from pizza\_sales

group by pizza\_name

order by sum(quantity) desc



**7.Bottom 5 worst sellers by total pizzas sold:**

Bottom 5 pizza sellers name wrt quantity

select top 5 pizza\_name as Seller\_Name,sum(quantity) as Number\_of\_pizzas\_sold

from pizza\_sales

group by pizza\_name

order by sum(quantity) asc

