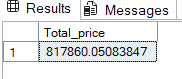
**Pizza\_sales SQL Queries**

1.Total price

select sum(total\_price) AS Total\_price from pizza\_sales

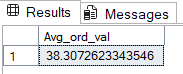
Result :



2.Average order value

select sum(total\_price)/count(DISTINCT order\_id) AS Avg\_ord\_val from pizza\_sales

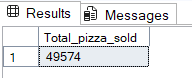
Result :



3.Total pizza sold

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

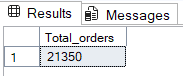
Result:



4. Total orders

select count(DISTINCT order\_id) as Total\_orders from pizza\_sales

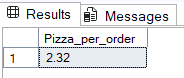
Result :



5.Avg Pizza per order

select CAST(CAST(sum(quantity) as DECIMAL(10))/CAST(count(DISTINCT order\_id) as DECIMAL(10)) as DECIMAL(10,2)) as Pizza\_per\_order from pizza\_sales

Result :



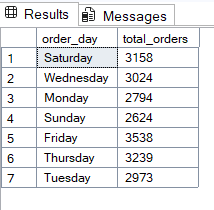
**CHART REQUIREMENTS**

1.Daily trend for total orders

select DATENAME(DW,order\_date) as order\_day,count(DISTINcT order\_id) as total\_orders from pizza\_sales

group by DATENAME(DW,order\_date)

Result:



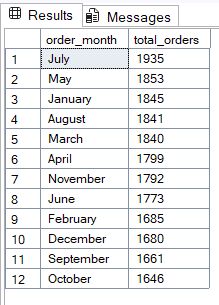
2.monthly trend for total orders

select DATENAME(MONTH,order\_date) as order\_month ,count(DISTINcT order\_id) as total\_orders from pizza\_sales

group by DATENAME(MONTH,order\_date)

order by total\_orders desc

Result:

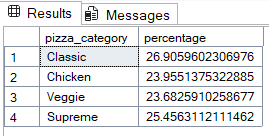


3.Total percentage for each category

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

group by pizza\_category

Result :



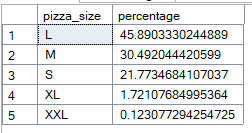
4.Percentage of sales by pizza\_size

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

group by pizza\_size

order by percentage desc

Result :



Query for ONLY WITH 2 DECIMAL POINTS:

select pizza\_size,CAST(sum(total\_price)\*100/(select sum(total\_price) from pizza\_sales )AS DECIMAL(10,2)) as percentage from pizza\_sales

group by pizza\_size

order by percentage desc

upgeded query:

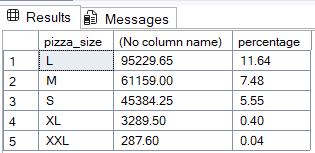
select pizza\_size,CAST(sum(total\_price) as decimal(10,2)),CAST(sum(total\_price)\*100/(select sum(total\_price) from pizza\_sales where DATEPART(quarter,total\_price)=1)AS DECIMAL(10,2)) as percentage from pizza\_sales

where DATEPART(quarter,order\_date)=1

group by pizza\_size

order by percentage desc

Result:**Quartarly values**

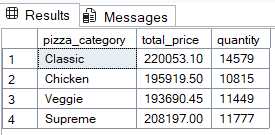


5.Total pizza sold by category

select pizza\_category,CAST(sum(total\_price) as decimal(10,2)) as total\_price,count(quantity) as quantity from pizza\_sales

group by pizza\_category

Result:



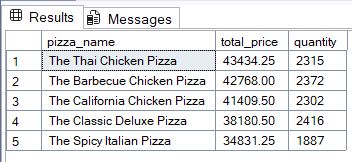
6.Top 5 pizza by price:

select top 5 pizza\_name,CAST(sum(total\_price) as decimal(10,2)) as total\_price,count(quantity) as quantity from pizza\_sales

group by pizza\_name

order by total\_price desc

Result:



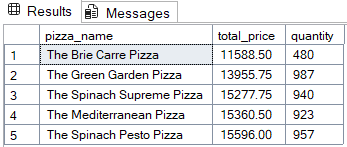
7. Bottom 5 pizza by price:

select top 5 pizza\_name,CAST(sum(total\_price) as decimal(10,2)) as total\_price,count(quantity) as quantity from pizza\_sales

group by pizza\_name

order by total\_price asc

Result:



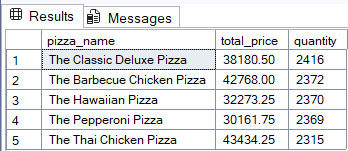
8.Top 5 pizza by quantity:

select top 5 pizza\_name,CAST(sum(total\_price) as decimal(10,2)) as total\_price,count(quantity) as quantity from pizza\_sales

group by pizza\_name

order by quantity desc

Result:



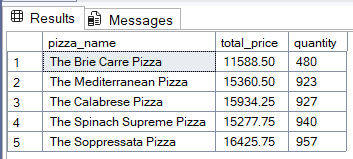
9. Bottom 5 pizza by quantity:

select top 5 pizza\_name,CAST(sum(total\_price) as decimal(10,2)) as total\_price,count(quantity) as quantity from pizza\_sales

group by pizza\_name

order by quantity asc

Result:



10.Top 5 pizza by order count:

select top 5 pizza\_name,count(DISTINCT order\_id) as order\_count from pizza\_sales

group by pizza\_name

order by order\_count desc

: Result

