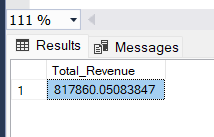
PIZZA SALES SQL QUERIES

A.KPI’s

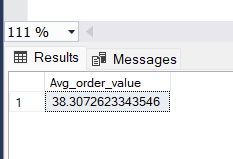
1.Total Revenue:

select SUM(total\_price) AS Total\_Revenue from pizza\_sales



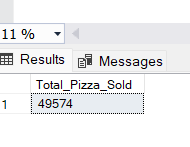
2.Average order Value:

Select SUM(total\_price)/ COUNT(DISTINCT order\_id) AS Avg\_order\_value from pizza\_sales



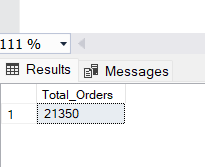
3.Total Pizza Sold:

select SUM(quantity) AS Total\_Pizza\_Sold FROM pizza\_sales



4.Total Orders

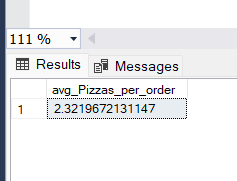
select COUNT (DISTINCT order\_id) AS Total\_Orders from pizza\_sales



5.Average Pizza Per Order

select CAST (SUM(quantity) AS DECIMAL(10,2))/

CAST(COUNT(DISTINCT order\_id) AS DECIMAL(10,2)) AS avg\_Pizzas\_per\_order from pizza\_sales



**PROBLEM STATEMENT**

CHART REQUIREMENTS

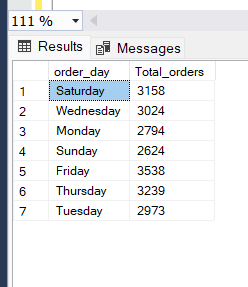
1.Daily trends for total orders:

select DATENAME(DW, order\_date) as order\_day, COUNT(distinct order\_id) AS Total\_orders from pizza\_sales

GROUP BY DATENAME(DW, order\_date)

#DATENAME is use to derive date of the WEEK

#DW- It Retrieves the Day of the WEEK as a character string like Sunday, Monday………..



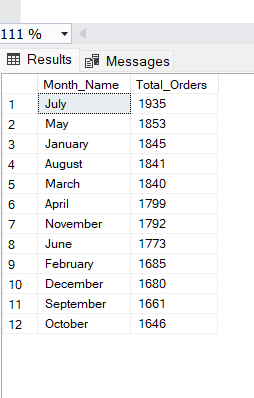
2.Monthly trend for total orders;

SELECT DATENAME(MONTH, order\_date) AS Month\_Name, COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

GROUP BY DATENAME(MONTH, order\_date)

ORDER BY Total\_Orders DESC;



3. Category wise pizza total sales and their sell %

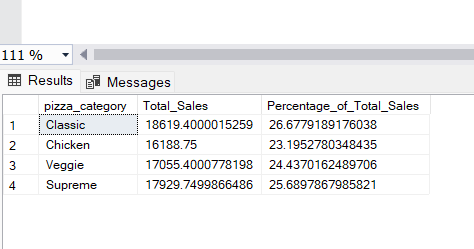
SELECT pizza\_category, sum(total\_price) as Total\_Sales ,sum(total\_price)\* 100/ (SELECT sum(total\_price) from pizza\_sales WHERE MONTH(order\_date)=1) AS Percentage\_of\_Total\_Sales

from pizza\_sales

WHERE MONTH(order\_date)=1

GROUP BY pizza\_category

#this code is showing month wise result= sales WHERE MONTH(order\_date)=1



4.Percentage of sales by Pizza Size:

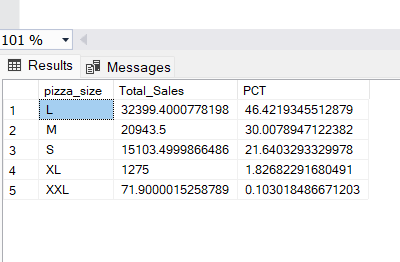
SELECT pizza\_size,SUM(total\_price) as Total\_Sales, sum(total\_price)\* 100/ (SELECT sum(total\_price) from pizza\_sales WHERE MONTH(order\_date)=1) AS PCT

from pizza\_sales

WHERE MONTH(order\_date)=1

GROUP BY pizza\_size

ORDER BY PCT DESC



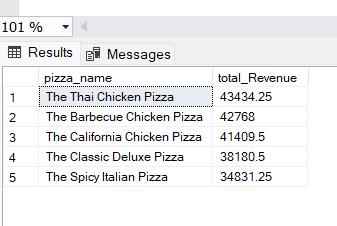
5.Top 5 Best sellers by Revenue ,Total quantity and Total Orders:

# 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

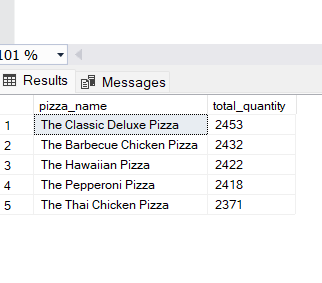


#BY QUANTITY

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

group by pizza\_name

order by total\_quantity DESC

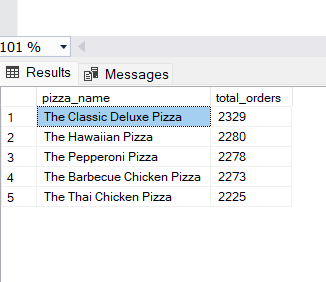


#BY TOTAL\_ORDER

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

group by pizza\_name

order by total\_orders DESC;



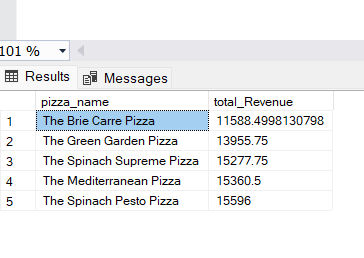
6. Bottom 5 Pizza Best sellers by Revenue ,Total quantity and Total Orders:

#BY REVENUE

select top 5 pizza\_name, sum(total\_price) as total\_Revenue from pizza\_sales

group by pizza\_name

order by Total\_Revenue ASC

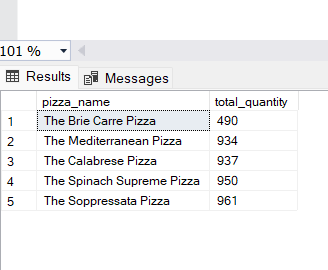


#BY QUANTITY

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

group by pizza\_name

order by total\_quantity ASC



# BY TOTAL\_ORDER

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

group by pizza\_name

order by total\_orders ASC;

