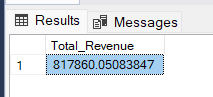
**PIZZA SALES SQL QUERIES**

**A.KPI’s**

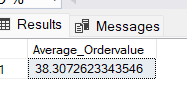
**1.Total revenue:**

SELECT SUM(total\_price) as Total\_Revenue from pizza\_sales;

****

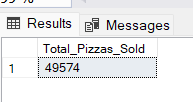
**2.Average Ordervalue:**

SELECT SUM(total\_price)/COUNT(distinct(order\_id)) as Average\_Ordervalue from pizza\_sales ;

****

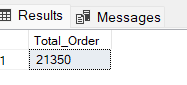
**3.Total Pizza Sold:**

select sum(quantity) as Total\_Pizzas\_Sold from pizza\_sales;

****

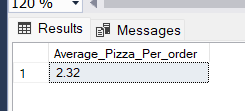
**4.Total Orders:**

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

****

**5.Average Pizza per order :**

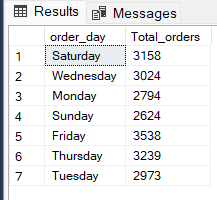
Select cast(cast(sum(quantity) as decimal(10,2))/cast(count(distinct order\_id)as decimal(10,2)) as decimal(10,2)) as Average\_Pizza\_Per\_order from pizza\_sales



**2.CHART REQUIREMENTS:**

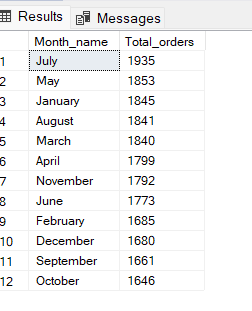
**1.Daily trend for total orders:**

SELECT DATENAME(DW,order\_date) as order\_day,count(distinct order\_id) as Total\_orders from pizza\_sales group by DATENAME(DW,order\_date);

****

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

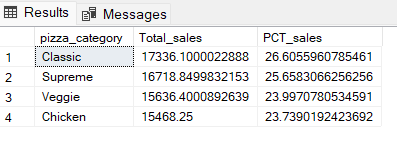
SELECT DATENAME(MONTH,order\_date) as Month\_name,count(distinct order\_id) as Total\_orders from pizza\_sales group by DATENAME(MONTH,order\_date) order by Total\_orders desc;

****

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

SELECT pizza\_category, sum(total\_price) AS Total\_sales, sum(total\_price) \*100/(select sum(total\_price) from pizza\_sales where month(order\_date)=2 ) as PCT\_sales

from pizza\_sales where month(order\_date)=2

group by pizza\_category order by PCT\_sales desc;****

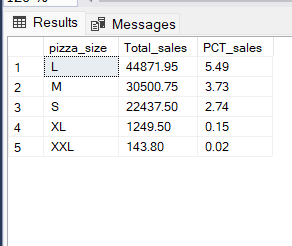
**\*\*Here where month(order\_date)=1 indicates PCT\_sales for the month of Jan ,in order to get the PCT\_sales for consecutive months number can be changed accordingly.\*\***

**3.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 )as decimal(10,2)) as PCT\_sales

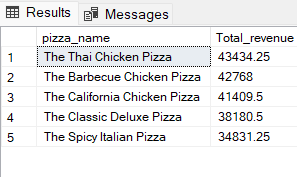
from pizza\_sales where datepart(quarter,order\_date)=1

group by pizza\_size order by PCT\_sales desc;

****

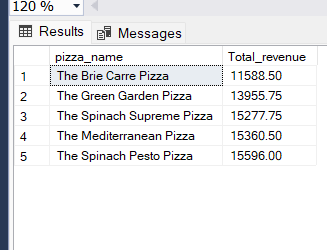
**4.Top 5 best sellers by revenue:**

select top 5 pizza\_name,sum(total\_price) as Total\_revenue from pizza\_sales group by pizza\_name order by Total\_revenue desc ;

****

**5. Bottom 5 pizza by revenue :**

select top 5 pizza\_name,cast(sum(total\_price) as decimal(10,2)) as Total\_revenue from pizza\_sales group by pizza\_name order by Total\_revenue ;

****

**6.Hourly trend for orders:**

select datepart(hour,order\_time)as order\_hours,count(distinct order\_id) as total\_orders from pizza\_sales group by datepart(hour,order\_time)

order by datepart(hour,order\_time);

****