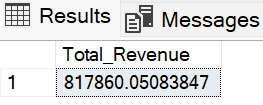
**PIZZA SQL\_QUERIES**

**A.KPI’s**

**1.Total Revenue:**

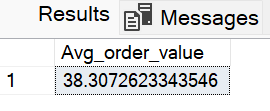
select sum(total\_price) as Total\_Revenue from pizza\_sales;



**2. Average order value:**

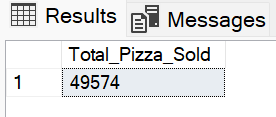
select sum(total\_price)/ count(distinct order\_id) as Avg\_order\_value

from pizza\_sales;



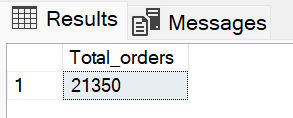
**3. Total Pizza Sold:**

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



**4. Total Orders:**

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

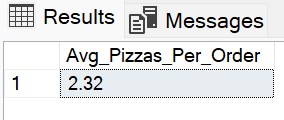


**5. Average Pizzas per Orders:**

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.Problem Statements:**

**1. Daily Trends for Total\_Orders:**

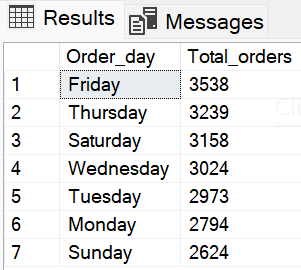
select DATENAME(DW, order\_date) as Order\_day,

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

group by DATENAME(DW, order\_date)

order by Total\_orders desc;

**Output:**

****

**2. Monthly Trends for Total Orders:**

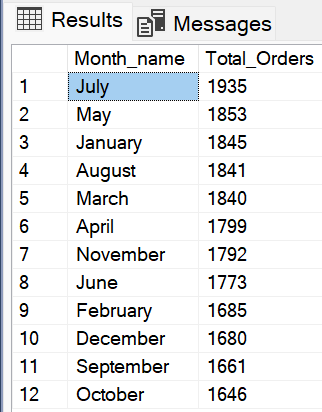
select DATENAME(Month, order\_date) as Month\_name,

Count( Distinct Order\_id) as Total\_Orders from pizza\_sales

group by DATENAME(Month, order\_date)

order by Total\_Orders desc;

**Output:**

****

**3. Percentage of Sales by Pizza Category**

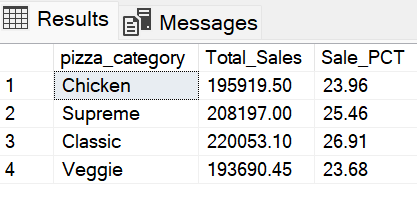
SELECT pizza\_category, cast (sum(total\_price) as decimal(10,2)) as Total\_Sales,

cast( sum(total\_price) \* 100 / (SELECT sum(total\_price) FROM pizza\_sales) as decimal(10,2)) AS Sale\_PCT

FROM pizza\_sales

GROUP BY pizza\_category;

**Output:**



**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 Sale\_PCT

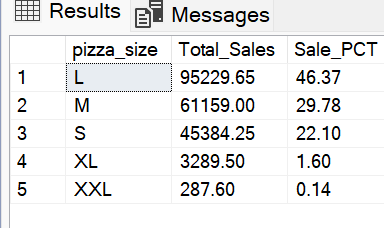
FROM pizza\_sales

where DATEPART(Quarter, order\_date) = 1

GROUP BY pizza\_size

order by Sale\_PCT desc;

**Output:**

****

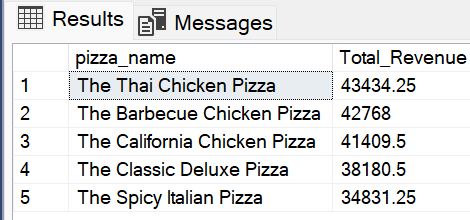
**5. Top 5 Pizzas by Revenue:**

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

group by pizza\_name

order by Total\_revenue desc;

**Output:**

****

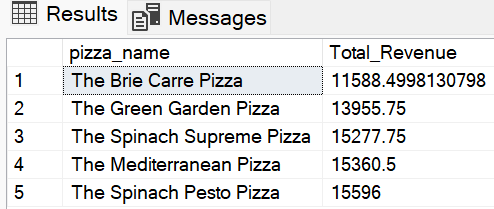
**6. Bottom 5 Pizzas by Revenue:**

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

group by pizza\_name

order by Total\_revenue asc;

**Output:**

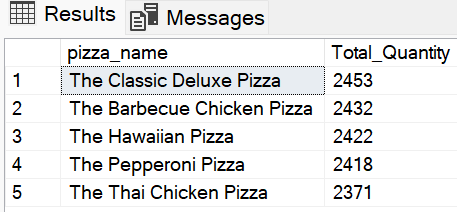
****

**7. 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;

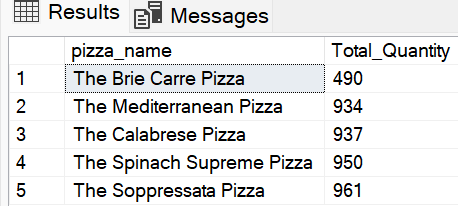
****

**8. 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 asc;

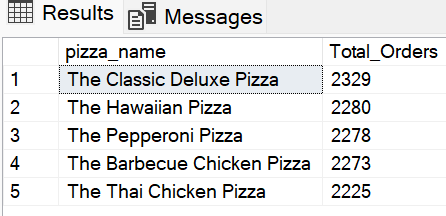


**9. Top 5 Pizzas by orders:**

select Top 5 pizza\_name, count(distinct order\_id) as Total\_Orders from pizza\_sales

group by pizza\_name

order by Total\_Orders desc;

****

**10. 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 asc;

