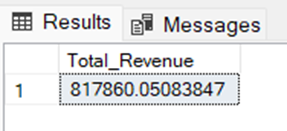
**PIZZA SALES SQL QUERIES**

**. KPI’s**

**1. Total Revenue:**

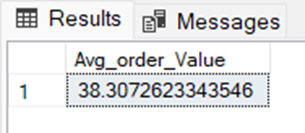
**-- total revenue**

SELECT SUM(total\_price) AS total\_revenue FROM pizza\_sales;



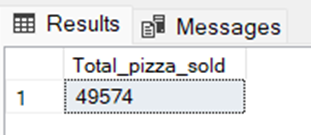
**2. Average Order Value**

SELECT SUM(total\_price) / COUNT(DISTINCT order\_id))AS Avg\_order\_Value FROM pizza\_sales



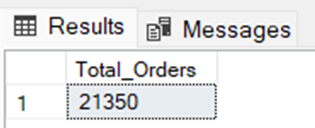
**3. Total Pizzas Sold**

SELECT SUM(quantity) AS Total\_pizza\_sold FROM pizza\_sales



**4. Total Orders**

SELECT COUNT(DISTINCT order\_id) AS Total\_Orders FROM pizza\_sales

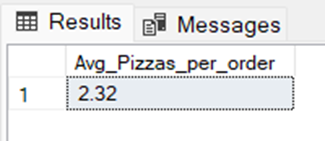


**5. Average Pizzas Per Order**

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. Hourly Trend for Total Pizzas Sold**

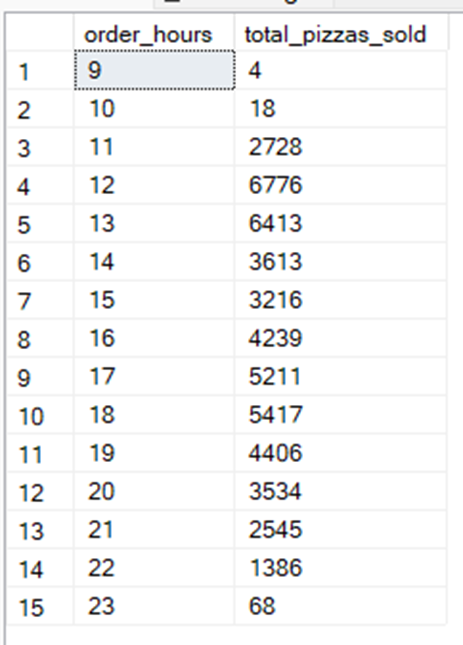
SELECT HOUR(order\_time) as order\_hour , SUM(quantity) as total\_pizza\_sold

FROM pizza\_sales

GROUP BY HOUR(order\_time)

ORDER BY HOUR(order\_time);

***Output***



**C. Weekly Trend for Orders**

SELECT WEEK(order\_date, 3) AS WeekNumber,

YEAR(order\_date) AS Year,

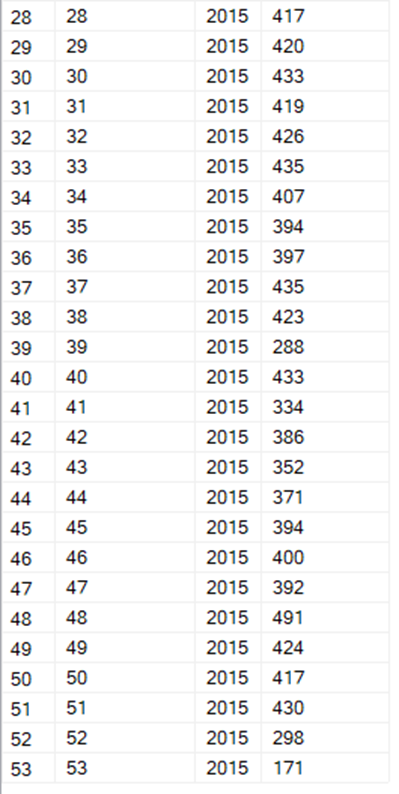
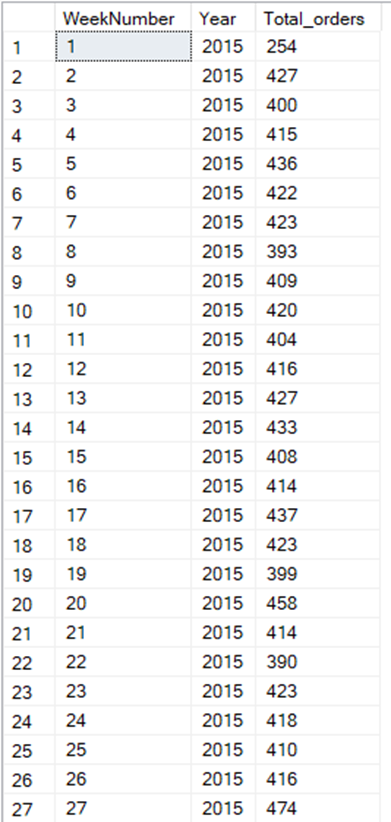
COUNT(DISTINCT order\_id) AS Total\_orders

FROM pizza\_sales

GROUP BY WEEK(order\_date, 3),YEAR(order\_date)

ORDER BY Year, WeekNumber;

**Output**



**D. % of Sales by Pizza Category**

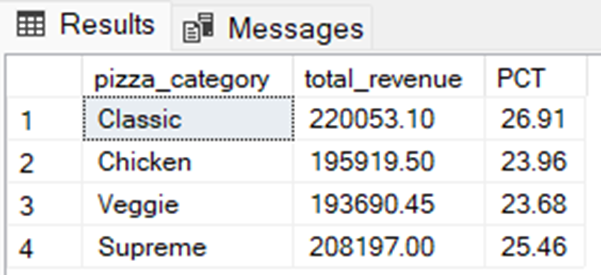
SELECT pizza\_category, CAST(SUM(total\_price) AS DECIMAL(10,2)) as total\_revenue,

CAST(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) from pizza\_sales) AS DECIMAL(10,2)) AS PCT

FROM pizza\_sales

GROUP BY pizza\_category

***Output***



**E. % of Sales by Pizza Size**

SELECT pizza\_size, CAST(SUM(total\_price) AS DECIMAL(10,2)) as total\_revenue,

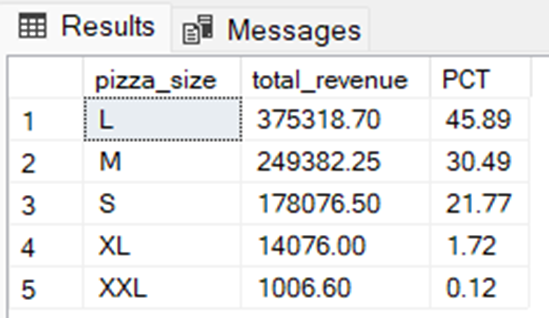
CAST(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) from pizza\_sales) AS DECIMAL(10,2)) AS PCT

FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY pizza\_size

***Output***



**F. Total Pizzas Sold by Pizza Category**

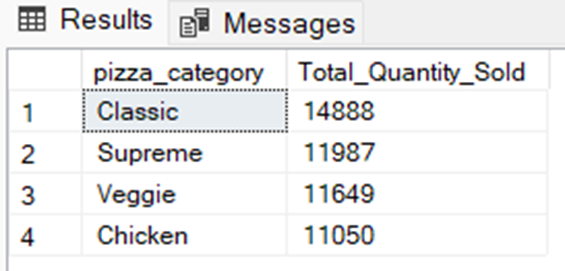
SELECT pizza\_category, SUM(quantity) as Total\_Quantity\_Sold

FROM pizza\_sales

GROUP BY pizza\_category

ORDER BY Total\_Quantity\_Sold DESC

***Output***



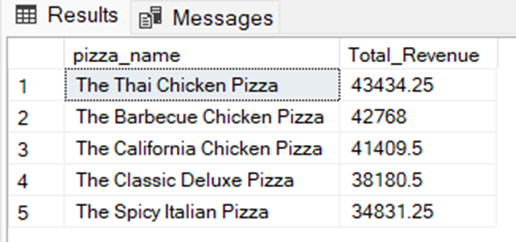
**G. Top 5 Pizzas by Revenue**

SELECT pizza\_name , SUM(total\_price) as total\_revenue FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_revenue desc

limit 5;



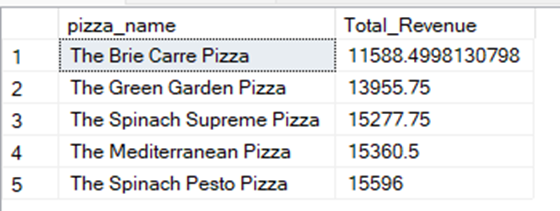
**H. Bottom 5 Pizzas by Revenue**

SELECT pizza\_name , SUM(total\_price) as total\_revenue FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_revenue asc

limit 5;



**I. Top 5 Pizzas by Quantity**

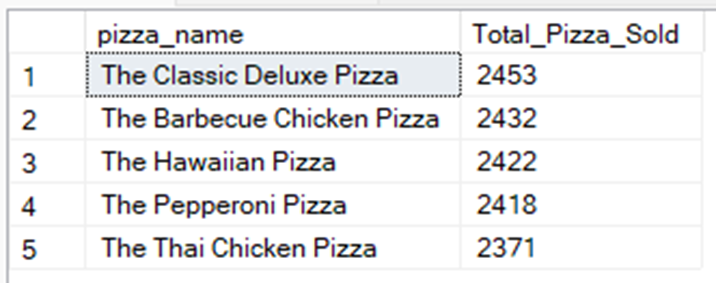
SELECT pizza\_name , sum(quantity) as total\_quantity FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_quantity desc

limit 5;

***Output***



**J. Bottom 5 Pizzas by Quantity**

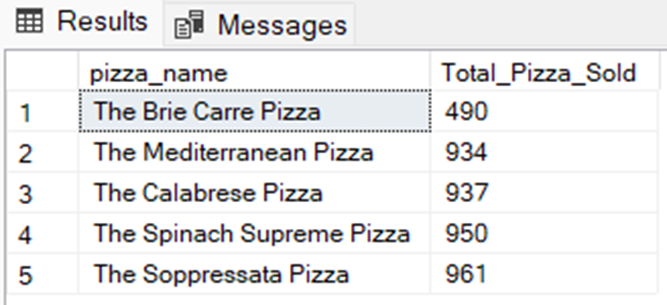
SELECT pizza\_name , sum(quantity) as total\_quantity FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_quantity desc

limit 5;

***Output***



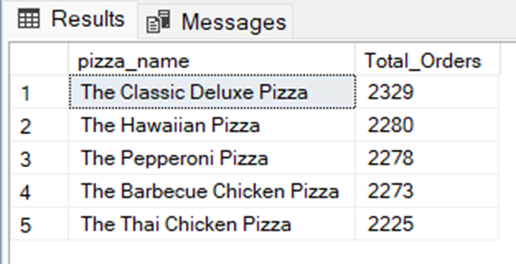
**K. Top 5 Pizzas by Total Orders**

SELECT pizza\_name , COUNT(distinct order\_id) as total\_order FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_order desc

limit 5;



**L. Bottom 5 Pizzas by Total Orders**

SELECT pizza\_name , COUNT(DISTINCT order\_id) as total\_order FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_order asc

limit 5;

