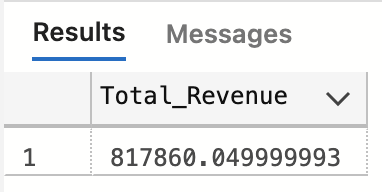
**PIZZA SALES SQL QUESRIES**

**A. KPI’s**

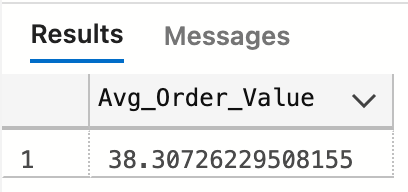
**1. Total Revenue:**

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



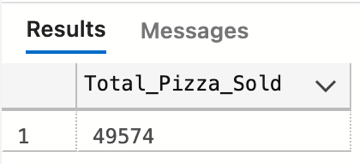
**2. Average Order Value**

SELECT SUM(total\_price) / COUNT(DISTINCT order\_id) as Avg\_Order\_Value from pizza\_sales;



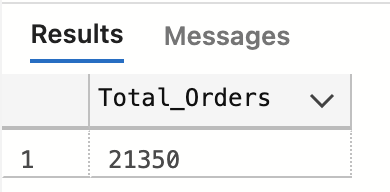
**3. Total Pizzas Sold**

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

****

**4. Total Orders**

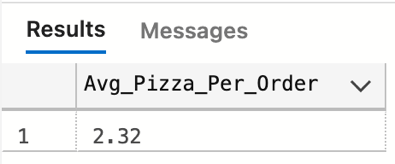
SELECT COUNT(DISTINCT order\_id) AS Total\_Orders FROM pizza\_sales;

****

**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\_Pizza\_Per\_Order FROM pizza\_sales;

****

**CHARTS REQUIREMENT**

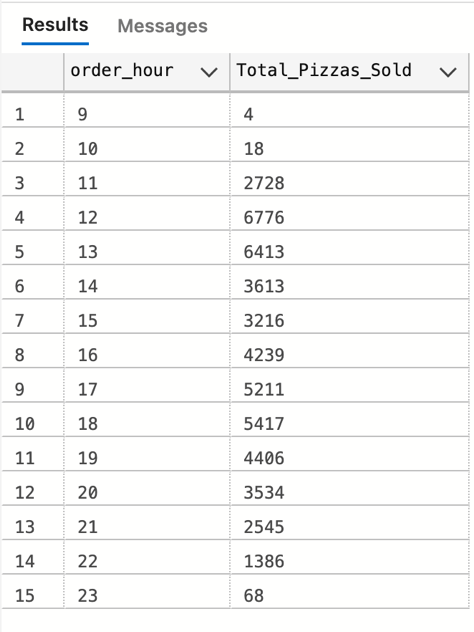
**1. Hourly Trend for Total Orders**

SELECT DATEPART(HOUR, order\_time) AS order\_hour, SUM(quantity) AS Total\_Pizzas\_Sold

FROM pizza\_sales

GROUP BY DATEPART(HOUR, order\_time)

ORDER BY DATEPART(HOUR, order\_time);

****

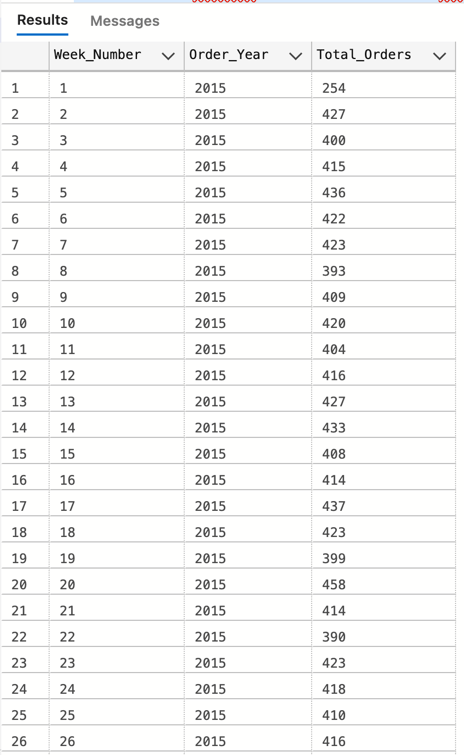
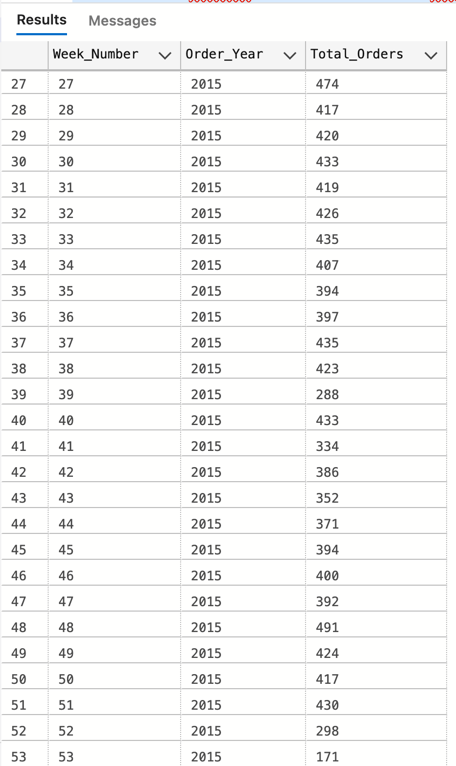
**2. Weekly Trend for Total Orders**

SELECT DATEPART(ISO\_WEEK, order\_date) AS Week\_Number, YEAR(order\_date) AS Order\_Year,

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

GROUP BY DATEPART(ISO\_WEEK, order\_date), YEAR(order\_date)

ORDER BY DATEPART(ISO\_WEEK, order\_date), YEAR(Order\_date);

** **

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

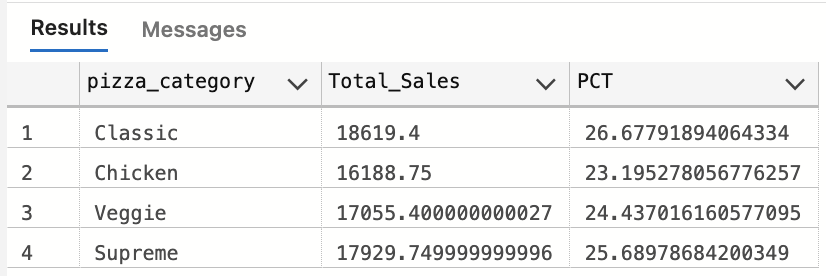
SELECT pizza\_category, SUM(total\_price) AS Total\_Sales, SUM(total\_price) \* 100 /

(SELECT SUM(total\_price) from pizza\_sales WHERE MONTH(order\_date) = 1)AS PCT

from pizza\_sales

WHERE MONTH(order\_date) = 1

GROUP BY pizza\_category;

****

**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 /

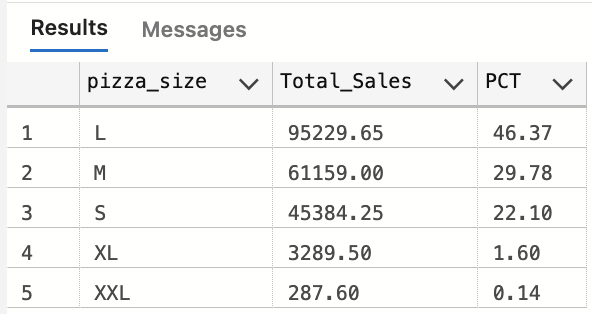
(SELECT SUM(total\_price) from pizza\_sales WHERE DATEPART(QUARTER, order\_date) = 1) AS DECIMAL (10,2)) AS PCT

from pizza\_sales

WHERE DATEPART(QUARTER, order\_date) = 1

GROUP BY pizza\_size

ORDER BY PCT DESC ;

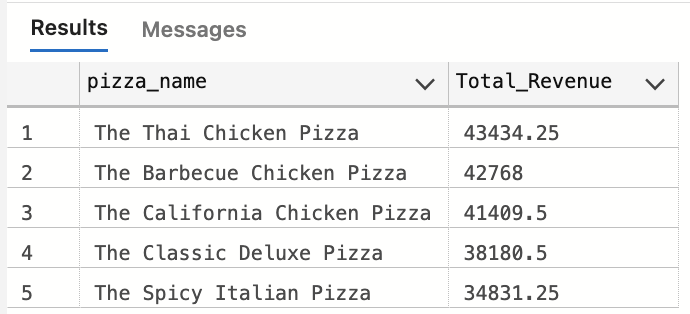
****

**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

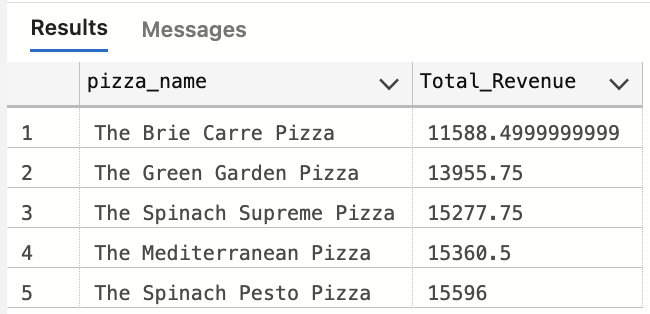
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**6. Bottom 5 Pizzas by Revenue**

SELECT TOP 5 pizza\_name, SUM(total\_price) AS Total\_Revenue from pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue

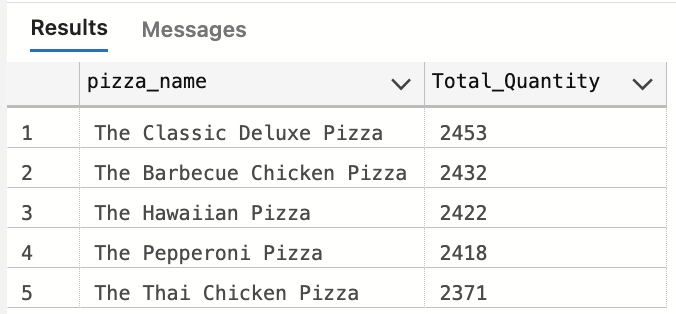
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**7. Top 5 Pizzas by Quantity**

SELECT TOP 5 pizza\_name, SUM(quantity) AS Total\_Quantity from pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Quantity DESC

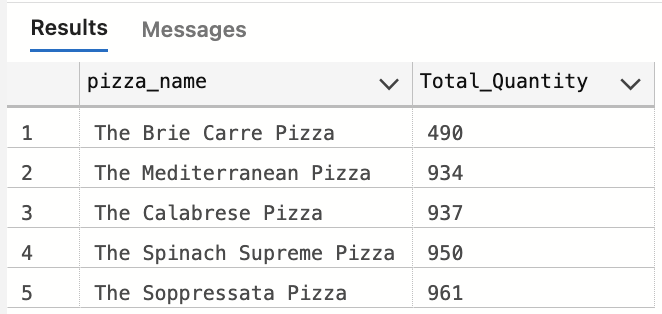
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**8. Bottom 5 Pizzas by Quantity**

SELECT TOP 5 pizza\_name, SUM(quantity) AS Total\_Quantity from pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Quantity

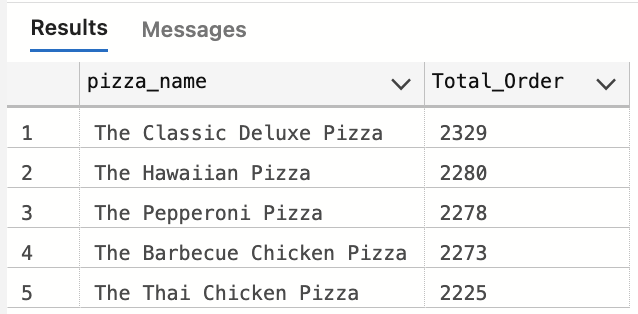
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**9. Top 5 Pizzas by Orders**

SELECT TOP 5 pizza\_name, COUNT(DISTINCT order\_id) AS Total\_Order from pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Order DESC

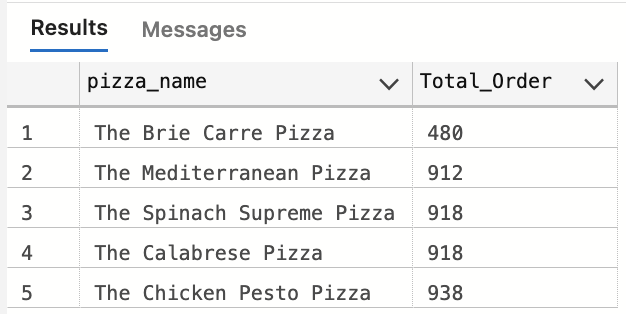
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**10. Bottom 5 Pizzas by Orders**

SELECT TOP 5 pizza\_name, COUNT(DISTINCT order\_id) AS Total\_Order from pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Order

****