**Pizza Sales SQL Queries**

**Over – Viewing the data**

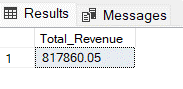
SELECT \* FROM pizza\_sales

**KPI’s Requirement**

**1.Total Revenue**

SELECT CAST(SUM(total\_price) AS decimal(10,2)) AS Total\_Revenue FROM pizza\_sales

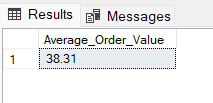
**Output:**



**2. Average Order Value**

SELECT CAST(SUM(total\_price) / COUNT(DISTINCT order\_id) AS DECIMAL(10,2)) AS average\_order\_value FROM Pizza\_sales

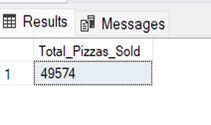
**Output:**

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**3. Total Pizzas Sold**

SELECT SUM(quantity) AS Total\_Pizzas\_Sold FROM Pizza\_sales

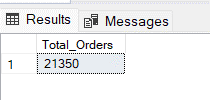
**Output:**



**4. Total Orders**

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

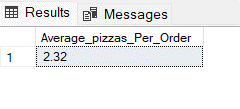
**Output:**



**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 Average\_pizzas\_Per\_Order FROM Pizza\_sales

**Output:**



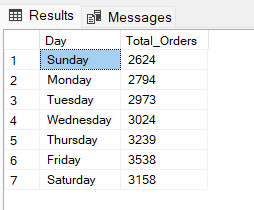
**Business Insights Report:**

**1. Daily Trend for Total Orders**

SELECT DATENAME(DW, order\_date) AS Day, COUNT(DISTINCT order\_id) AS Total\_Orders FROM Pizza\_sales

GROUP BY DATENAME(DW, order\_date), DATEPART(DW, order\_date)ORDER BY DATEPART(DW, order\_date)

**Output:**

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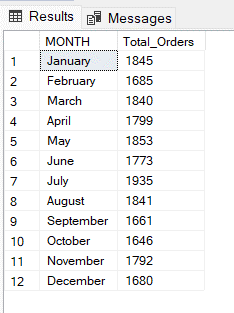
**2. Monthly Trend for Total Orders**

SELECT DATENAME(MONTH, order\_date) AS MONTH, COUNT(DISTINCT order\_id) AS Total\_Orders FROM Pizza\_sales

GROUP BY DATENAME(MONTH, order\_date), DATEPART(MONTH, order\_date)

ORDER BY DATEPART(MONTH, order\_date)

**Output:**



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

SELECT pizza\_category AS Pizza\_Category, CAST(SUM(total\_price) AS DECIMAL(10,2)) AS Total\_Sales,

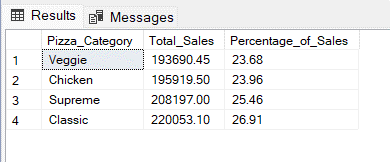
CAST(SUM(total\_price) \* 100 /

(SELECT SUM(total\_price) FROM Pizza\_sales) AS DECIMAL(10,2)) AS Percentage\_of\_Sales FROM Pizza\_sales

GROUP BY Pizza\_category

ORDER BY Percentage\_of\_Sales

**Output:**



**4. percentage of Sales by Pizza Size**

SELECT pizza\_size AS Pizza\_Size, CAST(SUM(total\_price) AS DECIMAL (10,2)) AS Total\_Sales,

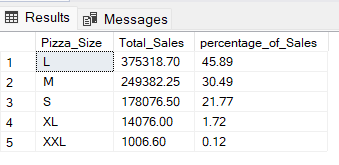
CAST(SUM(total\_price) \* 100 /

(SELECT SUM(total\_price) FROM Pizza\_sales) AS DECIMAL(10,2)) AS percentage\_of\_Sales FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY percentage\_of\_Sales DESC

**Output:**



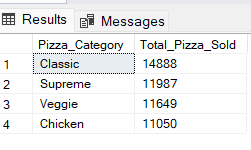
**5. Total Pizzas Sold by Pizzas Category**

SELECT pizza\_category AS Pizza\_Category, SUM(quantity) AS Total\_Pizza\_Sold FROM pizza\_sales

GROUP BY Pizza\_Category

Order BY Total\_Pizza\_Sold DESC

**Output:**

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**6. Top 5 pizzas by Total Revenue**

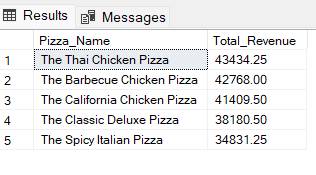
SELECt top 5 pizza\_name AS Pizza\_Name, CAST(SUM(total\_price) AS DECIMAL(10,2)) AS Total\_Revenue

FROM pizza\_sales

GROUP BY Pizza\_Name

ORDER BY Total\_Revenue DESC

**Output:**

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**Top 5 Pizza by Total Quantity**

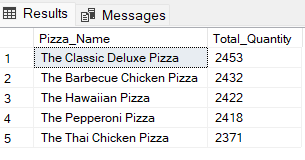
SELECT Top 5 pizza\_name as Pizza\_Name, SUM(quantity) AS Total\_Quantity

FROM pizza\_sales

GROUP BY Pizza\_Name

ORDER BY Total\_Quantity DESC

**Output:**

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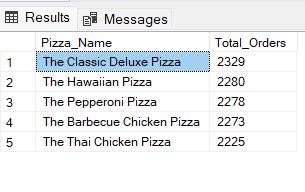
**Top 5 Pizzas by Total Orders**

SELECT Top 5 pizza\_name as Pizza\_Name, COUNT(DISTINCT order\_id) as Total\_Orders FROM Pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders DESC

**Output:**

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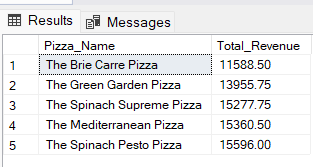
**7. Bottom 5 Pizzas by Total Revenue**

SELECT Top 5 pizza\_name as Pizza\_Name , CAST(SUM(total\_price) AS DECIMAL(10,2)) AS Total\_Revenue FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue

**Output:**

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**Bottom 5 Pizzas by Total Quantity**

SELECT Top 5 pizza\_name as Pizza\_Name , SUM(quantity) AS Total\_Quantity FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Quantity

**Output:**

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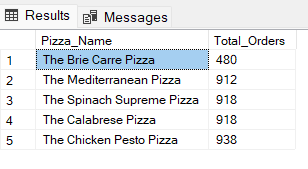
**Bottom 5 Pizzas by Total Orders**

SELECT Top 5 pizza\_name as Pizza\_Name , COUNT(DISTINCT(order\_id)) AS Total\_Orders FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders

**Output:**

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