PIZZA SALE 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 Pizzas Sold:**

SELECT SUM(total\_price)/ COUNT(DISTINCT order\_id) AS Total\_pizza\_sold FROM pizza\_sales



**4. Total Orders:**

SELECT SUM(quantity) 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



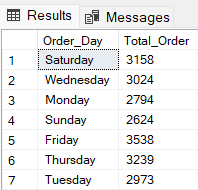
**B. SQL QUERIES**

**1. Daily Trend for Total Pizzas Sold:**

SELECT DATENAME(DW, order\_date) AS Order\_Day, COUNT(DISTINCT order\_id) AS Total\_Orders FROM pizza\_sales

GROUP\_BY DATENAME(DW, order\_date)

***Output:***



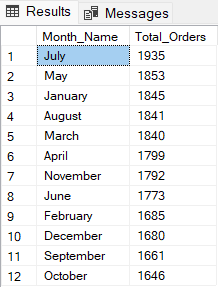
**2. Monthly Trend for Total Pizzas Sold:**

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

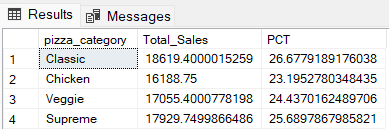
(SELECT SUM(total\_price) FROM pizza\_sales

WHERE MONTH(order\_date) = 1) AS PCT FROM pizza\_sales

WHERE MONTH(order\_date) = 1

GROUP BY pizza\_category

***Output:***



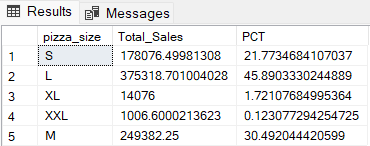
**4. Percentage of Sales by Pizza Size:**

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

(SELECT SUM(total\_price) FROM pizza\_sales) AS PCT FROM pizza\_sales

GROUP BY pizza\_size

***Output:***



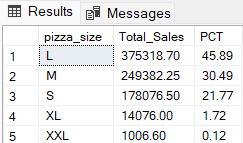
OR

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 FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY PCT DESC

***Output:***



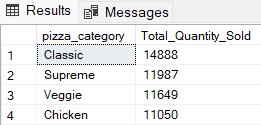
**5. Total Pizzas Sold by Pizza Category:**

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

GROUP BY pizza\_category

ORDER BY Total\_Quantity\_Sold DESC

***Output:***



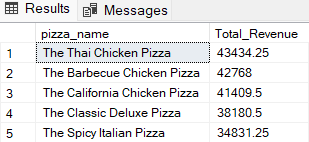
**6. TOP 5 Pizzas by Revenue:**

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

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC

***Output:***



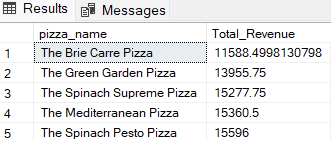
**7. BOTTOM 5 Pizzas by Revenue:**

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

GROUP BY pizza\_name

ORDER BY Total\_Revenue ASC

***Output:***



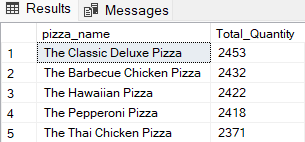
**8. TOP 5 Pizzas by Quantity:**

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

GROUP BY pizza\_name

ORDER BY Total\_Quantity DESC

***Output:***



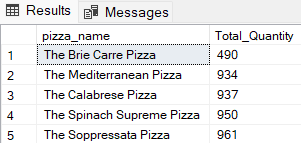
**9. BOTTOM 5 Pizzas by Quantity:**

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

GROUP BY pizza\_name

ORDER BY Total\_Quantity ASC

***Output:***



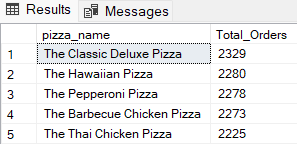
**10. TOP 5 Pizzas by Total Orders:**

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

GROUP BY pizza\_name

ORDER BY Total\_Orders DESC

***Output:***



**11. BOTTOM 5 Pizzas by Total 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

***Output:***

