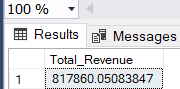
**PIZZA SALES SQL QUERIES**

**A.KPI’S**

**1.Total Revenue**

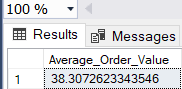
SELECT SUM(total\_price) AS Total\_Revenue FROM pizza\_sales



**2. Average Order Value**

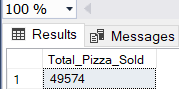
SELECT SUM(total\_price)/COUNT(DISTINCT order\_id) AS Average\_Order\_Value

FROM pizza\_sales



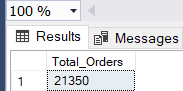
**3. Total Pizza Sold**

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



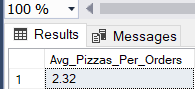
**4. Total Orders**

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



**5. Average Pizza Per Orders**

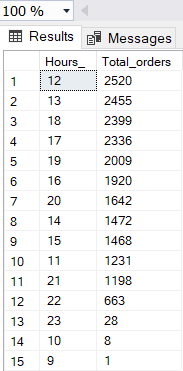
SELECT CAST(CAST(SUM(quantity) AS DECIMAL(10, 2))/CAST(COUNT(DISTINCT order\_id) AS DECIMAL(10, 2)) AS DECIMAL(10, 2)) AS Avg\_Pizzas\_Per\_Orders FROM pizza\_sales



**B. CHARTS REQUIREMENT**

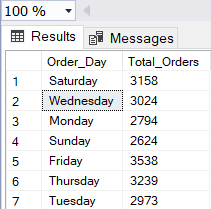
**1. Hourly Trend For Total Orders**

SELECT DATEPART(HOUR, order\_time) AS Hours\_, COUNT(DISTINCT order\_id) AS Total\_orders FROM pizza\_sales GROUP BY DATEPART(HOUR, order\_time) ORDER BY Total\_orders DESC



**2. Daily Trend For Total Orders**

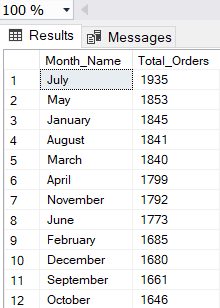
SELECT DATENAME(DW, order\_date) AS Order\_Day, COUNT(DISTINCT order\_id) AS Total\_Orders FROM pizza\_sales GROUP BY DATENAME(DW, order\_date)



**3. Monthly Trend 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)

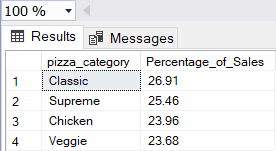
ORDER BY Total\_Orders DESC



**4. Percentage of sales by Pizza Category**

SELECT pizza\_category, CAST(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizza\_sales) AS DECIMAL(10, 2)) AS Percentage\_of\_Sales FROM pizza\_sales

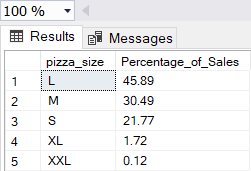
GROUP BY pizza\_category ORDER BY Percentage\_of\_Sales DESC



**5. Percentage of sales by Pizza size**

SELECT pizza\_size, CAST(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizza\_sales) AS DECIMAL(10, 2)) AS Percentage\_of\_Sales FROM pizza\_sales

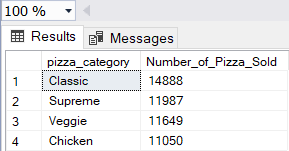
GROUP BY pizza\_size ORDER BY Percentage\_of\_Sales DESC

****

**6. Total Pizzas sold by Pizza Category**

SELECT pizza\_category, SUM(quantity) AS Number\_of\_pizza\_sold FROM pizza\_sales

GROUP BY pizza\_category ORDER BY Number\_of\_pizza\_sold DESC



**7. Top 5 Best and Worst sellers Pizza by Total Revenue, Total Quantity and Total Orders**

**A. Top 5 Best by Total Revenue**

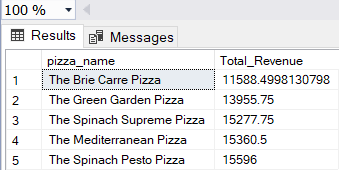
SELECT TOP 5 pizza\_name, SUM(total\_price) AS Total\_Revenue FROM pizza\_sales GROUP BY pizza\_name ORDER BY Total\_Revenue DESC

****

**B. Top 5 Worst by Total Revenue**

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

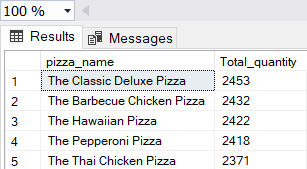
GROUP BY pizza\_name ORDER BY Total\_Revenue ASC



**C. Top 5 Best by Total Quantity**

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

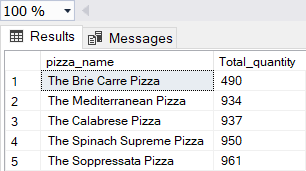
GROUP BY pizza\_name ORDER BY Total\_quantity DESC



**D. Top 5 Worst by Total Quantity**

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

GROUP BY pizza\_name ORDER BY Total\_quantity ASC



**E. Top 5 Best 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



**F. Top 5 Worst 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

