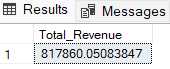
**Pizza\_Sales SQL Queries:**

A.KPIs:

**1.Total Revenue:**

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

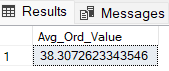
**OUTPUT:**



**2.Average Order Value:**

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

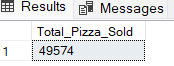
**OUTPUT:**

****

**3.Total Pizzas Sold:**

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

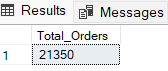
**OUTPUT:**

****

**4.Total Orders:**

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

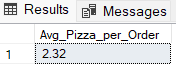
**OUTPUT:**

****

**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 Avg\_Pizza\_per\_Order from pizza\_sales;

**OUTPUT:**



**B. Problem Statement- Charts Requirement**

**1.Daily Trend for Total Orders**

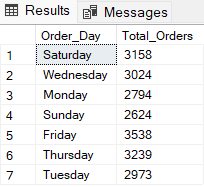
SELECT DATENAME(DW, order\_date) AS Order\_Day,

COUNT(DISTINCT order\_id) AS Total\_Orders

from pizza\_sales

GROUP BY DATENAME(DW, order\_date);

**OUTPUT:**



**2.Hourly Trend for Total Orders**

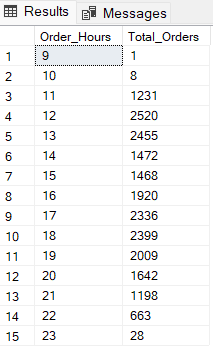
SELECT DATEPART(HOUR, order\_time) AS Order\_Hours, COUNT(DISTINCT order\_id) AS Total\_Orders

from pizza\_sales

GROUP BY DATEPART(HOUR, order\_time)

ORDER BY DATEPART(HOUR, order\_time);

**OUTPUT:**



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

SELECT pizza\_category,

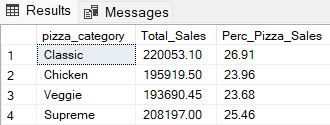
CAST(SUM(total\_price) AS DECIMAL(10, 2)) AS Total\_Sales,

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

from pizza\_sales

GROUP BY pizza\_category;

**OUTPUT:**

****

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

SELECT pizza\_size,

CAST(SUM(total\_price) AS DECIMAL(10, 2)) AS Total\_Sales,

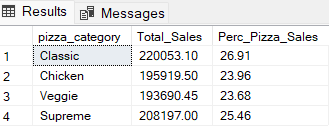
CAST((SUM(total\_price) \* 100/(SELECT SUM(total\_price) from pizza\_sales))AS DECIMAL(10, 2)) AS Perc\_Pizza\_Sales

from pizza\_sales

GROUP BY pizza\_size

ORDER BY Perc\_Pizza\_Sales DESC;

**OUTPUT:**



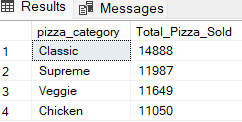
**5.Total Pizzas sold by Pizza Category**

SELECT pizza\_category, SUM(quantity) AS Total\_Pizza\_Sold from pizza\_sales

GROUP BY pizza\_category

ORDER BY Total\_Pizza\_Sold DESC;

**OUTPUT:**



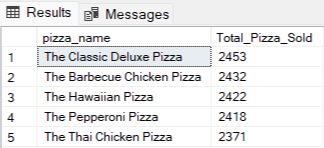
**6.Top 5 Best Sellers by Total Pizzas sold:**

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

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold DESC;

**OUTPUT:**



**7.Top 5 worst Sellers by Total Pizzas sold**

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

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold ASC;

**OUTPUT:**

