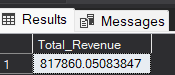
PIZZA SALES SQL QUERIES

**A.KPI’s**

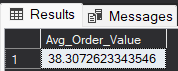
**1. Total Revenue:**

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



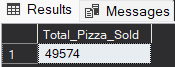
**2. Average Order Values:**

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



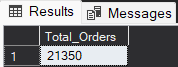
**3.Total Pizza Sold:**

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



**4. Total Orders:**

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

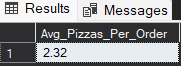


**5.Average Pizzas Per Order:**

SELECT CAST(CAST(SUM(quantity) AS decimal(10,2))/

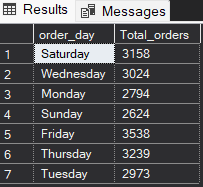
CAST(COUNT(DISTINCT order\_id) AS decimal(10,2)) AS decimal(10,2))

AS Avg\_Pizzas\_Per\_Order from pizza\_sales;



**B. Daily Trend for total Orders:**

SELECT DATENAME(DW, order\_date) as order\_day,COUNT(DISTINCT order\_id)AS Total\_orders from pizza\_salesGROUP BY DATENAME(DW, order\_date);



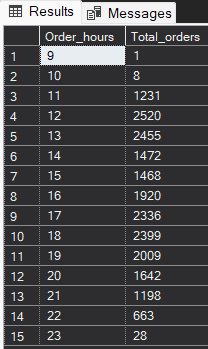
**C. Hourly Trend for Total Orders:**

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);



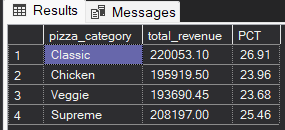
**D. Percentage of Sales by Pizza Category:**

SELECT pizza\_category, CAST(SUM(total\_price) AS DECIMAL(10,2)) as total\_revenue,

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

FROM pizza\_sales

GROUP BY pizza\_category



**E. % of Sales by Pizza Size**

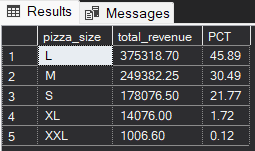
SELECT pizza\_size, CAST(SUM(total\_price) AS DECIMAL(10,2)) as total\_revenue,

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 pizza\_size

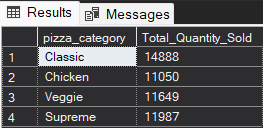


**F. Total Pizzas Sold by Pizza Category**

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

FROM pizza\_sales

GROUP BY pizza\_category



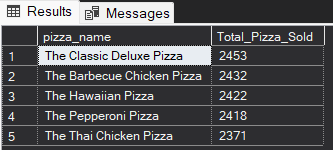
**G. Top 5 Best Sellers by Total Pizzas Sold**

SELECT Top 5 pizza\_name, SUM(quantity) AS Total\_Pizza\_Sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold DESC



**H. Bottom 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 ASC



***NOTE***

If you want to apply the Month, Quarter, Week filters to the above queries you can use WHERE clause. Follow some of below examples

SELECT DATENAME(DW, order\_date) AS order\_day, COUNT(DISTINCT order\_id) AS total\_orders

FROM pizza\_sales

WHERE MONTH(order\_date) = 1

GROUP BY DATENAME(DW, order\_date)

*\*Here MONTH(order\_date) = 1 indicates that the output is for the month of January. MONTH(order\_date) = 4 indicates output for Month of April.*

SELECT DATENAME(DW, order\_date) AS order\_day, COUNT(DISTINCT order\_id) AS total\_orders

FROM pizza\_sales

WHERE DATEPART(QUARTER, order\_date) = 1

GROUP BY DATENAME(DW, order\_date)

*\*Here DATEPART(QUARTER, order\_date) = 1 indicates that the output is for the Quarter 1. MONTH(order\_date) = 3 indicates output for Quarter 3.*