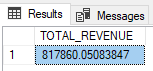
**PIZZA SALES SQL QUERIES**

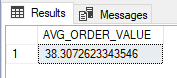
1. **KPI’S**
2. **Total Revenue:**

SELECT SUM(total\_price)AS TOTAL\_REVENUE FROM[dbo].[pizza\_sales];



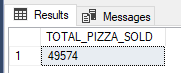
1. **Average Order Value**

SELECT SUM(total\_price)/COUNT(DISTINCT order\_id)AS AVG\_ORDER\_VALUE FROM[dbo].[pizza\_sales];



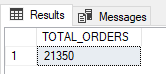
1. **Total Pizzas Sold**

SELECT SUM(quantity)AS TOTAL\_PIZZA\_SOLD FROM[dbo].[pizza\_sales];

****

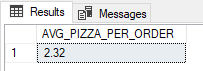
1. **Total Orders**

SELECT COUNT(DISTINCT order\_id)AS TOTAL\_ORDERS FROM[dbo].[pizza\_sales];

****

1. **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)) FROM[dbo].[pizza\_sales];



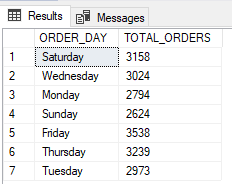
**B.DAILY TRENDS FOR TOTAL ORDERS**

SELECT DATENAME(DW,order\_date)AS ORDER\_DAY,COUNT(DISTINCT order\_id)AS TOTAL\_ORDERS

FROM[dbo].[pizza\_sales]

GROUP BY DATENAME(DW,order\_date);

OUTPUT:



**C.HOURLY TRENDS FOR ORDERS**

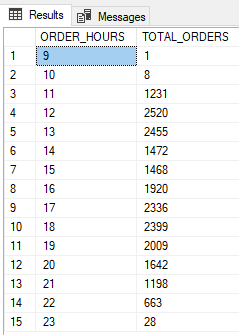
SELECT DATEPART(HOUR,order\_time)AS ORDER\_HOURS,COUNT(DISTINCT order\_id)AS TOTAL\_ORDERS

FROM[dbo].[pizza\_sales]

GROUP BY DATEPART(HOUR,order\_time)

ORDER BY DATEPART(HOUR,order\_time);

OUTPUT:



**D. %OF SALES BY PIZZA CATEGORY**

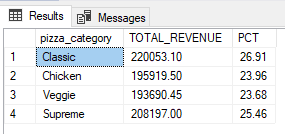
SELECT pizza\_category, CAST(SUM(total\_price) AS DECIMAL(10,2)) as TOTAL\_REVENUE,

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;

OUTPUT:



**E. %OF SALES BY PIZZA SIZE**

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

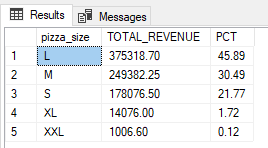
CAST(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) from pizza\_sales) AS DECIMAL(10,2)) AS PCT

FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY pizza\_size;

OUTPUT:



**F. TOTAL PIZZAS SOLD BY PIZZA CATEGORY**

SELECT pizza\_category,SUM(quantity) AS TOTAL\_QUANTITY\_SOLD

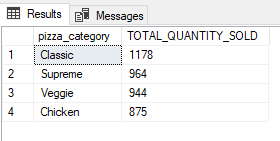
FROM pizza\_sales

WHERE MONTH(order\_date)=2

GROUP BY pizza\_category

ORDER BY TOTAL\_QUANTITY\_SOLD DESC;

OUTPUT:



**G. TOP 5 BEST SELLERS BY TOTAL PIZZAS SOLD**

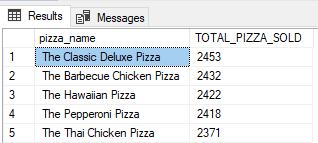
SELECT TOP 5 pizza\_name,SUM(quantity) AS TOTAL\_PIZZA\_SOLD

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY TOTAL\_PIZZA\_SOLD DESC;

OUTPUT:



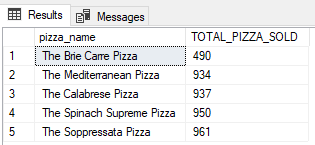
**H. BOTTOM 5 BEST SELLERS BY TOTAL PIZZAS SOLD**

SELECT TOP 5 pizza\_name,SUM(quantity) AS TOTAL\_PIZZA\_SOLD

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY TOTAL\_PIZZA\_SOLD ASC;

****

**NOTES:**

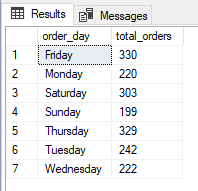
If you want to apply the Month, Quarter, Week filters to the above queries you can use WHERE clause. Follow some of below examples

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)



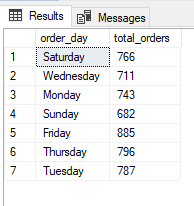
*\*Here MONTH(order\_date) = 1 indicates that the output is for the month of January. MONTH(order\_date) = 4 indicates output for Month of April.*

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.*