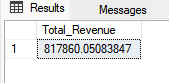
**PIZZA Sales SQL Queries**

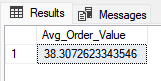
**A.KPI’s**

**1.Total Revenue:**SELECT SUM(total\_price) AS Total\_Revenue from pizza\_sales

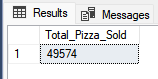
****

**2.Average Order Value:**

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

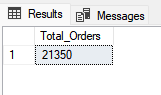
****

**3.Total Pizza Sold:**

SELECT SUM(quantity) as Total\_Pizza\_Sold from pizza\_sales  
****

**4.Total Orders:**

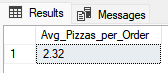
SELECT COUNT(DISTINCT order\_id) AS Total\_Orders from pizza\_sales

****

**5.Avg 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

****

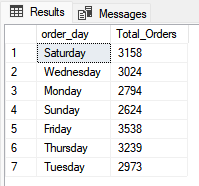
**B. Charts Requirment**

**1. Total 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)

****

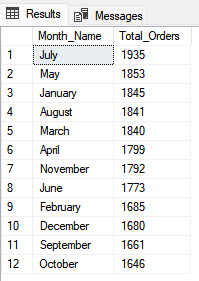
**2.Monthly Trends for Orders:**

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

****

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

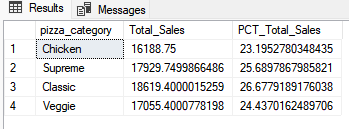
SELECT pizza\_category, sum(total\_price) as Total\_Sales, sum(total\_price) \* 100 /

(SELECT sum(total\_price) from pizza\_sales WHERE MONTH(order\_date) = 1) AS PCT\_Total\_Sales

from pizza\_sales

WHERE MONTH(order\_date) = 1

GROUP BY pizza\_category

****

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

SELECT pizza\_size,CAST(sum(total\_price)as Decimal(10,2)) as Total\_Sales, CAST(sum(total\_price) \* 100 /

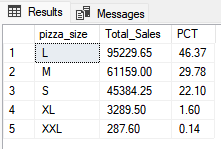
(SELECT sum(total\_price) from pizza\_sales Where Datepart(QUARTER,order\_date) = 1) AS Decimal(10,2)) AS PCT

from pizza\_sales

Where Datepart(QUARTER,order\_date) = 1

GROUP BY pizza\_size

Order By PCT DESC

****

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

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

FROM pizza\_sales

WHERE MONTH(order\_date) = 2

GROUP BY pizza\_category

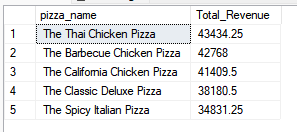
ORDER BY Total\_Quantity\_Sold DESC

**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

****

**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



**9. Top 5 Pizzas by Quantity**

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold DESC

****

**10. Bottom 5 Pizzas by Quantity**

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold

****

**11. 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

****

**12. Borrom 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

******

***NOTE***

If you want to apply the pizza\_category or pizza\_size filters to the above queries you can use WHERE clause. Follow some of below examples

SELECT Top 5 pizza\_name, COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

WHERE pizza\_category = 'Classic'

GROUP BY pizza\_name

ORDER BY Total\_Orders ASC