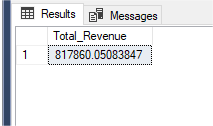
**Pizza Sales SQL Queries**

1. KPI’s

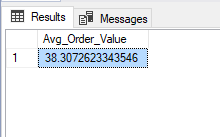
1. Total Revenue:

select sum(total\_price)AS Total\_Revenue from pizza\_sales;



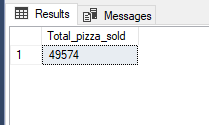
2. Average Order Value:

select sum(total\_price)/count(distinct order\_id) AS Avg\_Order\_Value from pizza\_sales;



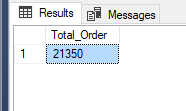
3. Total pizza sold:

select sum(quantity) as Total\_pizza\_sold from pizza\_sales;



4. Total order:

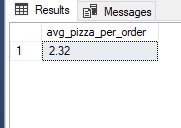
select count(distinct order\_id) as Total\_Order from pizza\_sales;



5. Average pizza per order:

select cast(cast(sum(quantity) as decimal(10,2))/

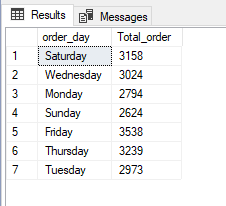
cast(count (distinct order\_id)as decimal(10,2)) as decimal(10,2)) as avg\_pizza\_per\_order from pizza\_sales;



Charts Requirement

1. Daily trend for total orders:

select DATENAME(dw, order\_date) as order\_day, count(distinct order\_id) as Total\_order from pizza\_sales group by datename(dw, order\_date);



2. Hourly trend for total orders:

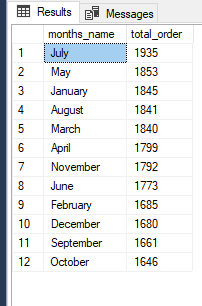
select DATENAME(MONTH, order\_date) as months\_name, count(distinct order\_id)

as total\_order

from pizza\_sales

group by datename(month, order\_date)

order by total\_order desc;



3. Percentage sales by pizza category:

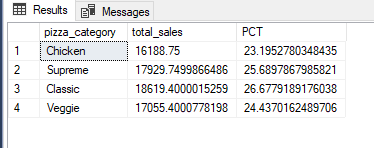
SELECT pizza\_category, SUM(total\_price) as total\_sales,

SUM(total\_price) \* 100 / (SELECT SUM(total\_price) from pizza\_sales where month(order\_date) = 1) as PCT

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,

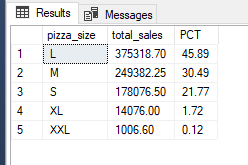
cast(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) from pizza\_sales) as decimal(10,2)) as PCT

FROM pizza\_sales

Datepart(quarter, order\_date) = 1

GROUP BY pizza\_size

order by PCT desc



5. total pizza sale 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***

****

6. Top 5 best sellers by revenue, total quantity and total orders:

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 pizza:

SELECT Top 5 pizza\_name, SUM(total\_price) AS Total\_Revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue ASC

****

8. Top 5 pizza 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

***Output***

****

**9. 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 ASC

***Output***

****

10. **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

****

**11. Bottom 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 ASC

******