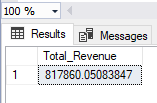
# **Pizza Sales Queries**

* **KPI’S**

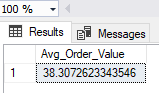
**1. Total Revenue**

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



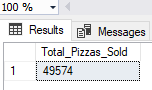
**2. Average Order Value**

select sum(total\_price)/ COUNT(distinct order\_id) as Avg\_Order\_Value from pizza\_sales



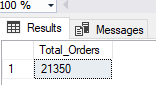
**3.Total Pizzas Sold**

select sum(quantity) as Total\_Pizzas\_Sold from pizza\_sales



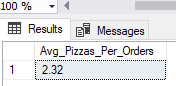
**4. Total Order Placed**

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\_Orders from pizza\_sales

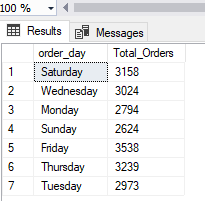


* **Charts Requirement**
* **Daily Trend For Total Orders**

select DATENAME(DW,order\_date) as order\_day, count (distinct order\_id)as Total\_Orders

from pizza\_sales

group by DATENAME(DW,order\_date)



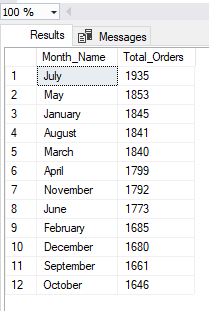
* **Monthly Trend For Total Orders**

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

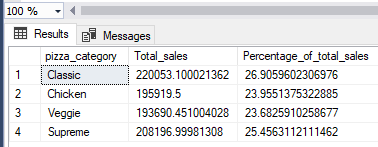


* **Percentage of sales by pizza category**

select pizza\_category,sum(total\_price) as Total\_sales,sum(total\_price)\*100 / (select sum(total\_price) from pizza\_sales ) as Percentage\_of\_total\_sales

from pizza\_sales

group by pizza\_category



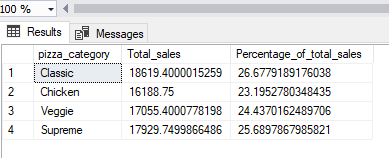
**Using Month filter**

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 Percentage\_of\_total\_sales

from pizza\_sales

where MONTH(order\_date)=1

group by pizza\_category



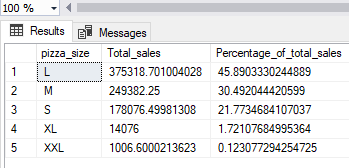
* **Percentage of sales by pizza Size**

select pizza\_size,sum(total\_price) as Total\_sales,sum(total\_price)\*100 / (select sum(total\_price) from pizza\_sales where MONTH(order\_date)=1 ) as Percentage\_of\_total\_sales

from pizza\_sales

group by pizza\_size

order by Percentage\_of\_total\_sales desc



**Using cast only for 2 decimel point with where clause**

select pizza\_size,cast(sum(total\_price) AS decimal(10,2)) as Total\_sales, cast(sum(total\_price)\*100 /

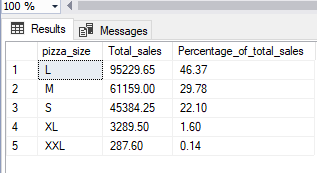
(select sum(total\_price) from pizza\_sales WHERE DATEPART(quarter,order\_date)=1) AS decimal(10,2)) as Percentage\_of\_total\_sales

from pizza\_sales

WHERE DATEPART(quarter,order\_date)=1

group by pizza\_size

order by Percentage\_of\_total\_sales desc

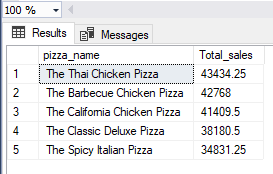


**Top 5 Pizza By Revenue**

select top 5 pizza\_name,sum(total\_price) as Total\_sales from pizza\_sales

group by pizza\_name

order by Total\_sales desc

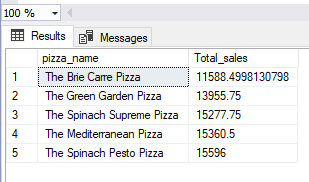


**Bottom 5 Pizza By Revenue**

select top 5 pizza\_name,sum(total\_price) as Total\_sales from pizza\_sales

group by pizza\_name

order by Total\_sales asc

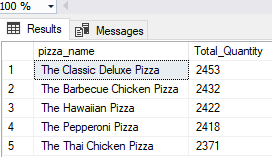


**Top 5 Pizza By Quantity**

select top 5 pizza\_name,sum(quantity) as Total\_Quantity from pizza\_sales

group by pizza\_name

order by Total\_Quantity desc

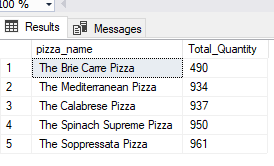


**Bottom 5 Pizza By Quantity**

select top 5 pizza\_name,sum(quantity) as Total\_Quantity from pizza\_sales

group by pizza\_name

order by Total\_Quantity asc



**Total Pizzas Sold by Pizza Category**

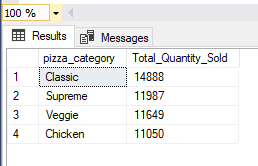
SELECT pizza\_category, SUM(quantity) as Total\_Quantity\_Sold

FROM pizza\_sales

WHERE MONTH(order\_date) = 2

GROUP BY pizza\_category

ORDER BY Total\_Quantity\_Sold DESC



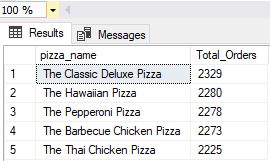
**Top 5 Pizzas by Total orders**

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders Desc



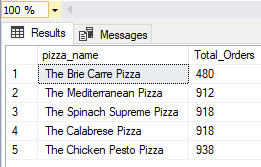
**Bottom 5 Pizzas by Total orders**

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders ASC



**With where filter**

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

