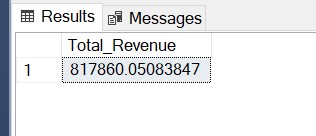
***PIZZA SALES SQL QUERIES***

1. KPI’s
2. **Total Revenue**

select sum(total\_price) as Total\_Revenue from [Pizza DB].dbo.pizza\_sales

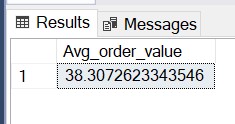
***Output:***



1. **Average Order Value**

Select (sum(total\_price)/count(DISTINCT order\_id)) as Avg\_order\_value from [Pizza DB].dbo.pizza\_sales

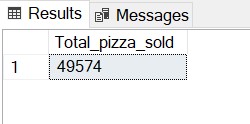
***Output:***



1. **Total Pizza sold**

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

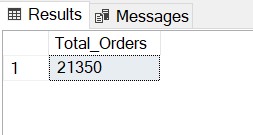
***Output:***



1. **Total Orders**

select count(DISTINCT order\_id) as Total\_Orders from pizza\_sales

***Output:***



1. **Average Pizzas per order**

select cast(sum(quantity) as decimal(10,2))/cast(count(DISTINCT order\_id) as decimal(10,2)) as Average\_pizzas\_per\_order from pizza\_sales

***Output:***



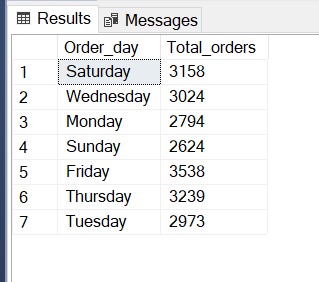
1. **Daily Trend for Total Orders**

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

FROM pizza\_sales

GROUP BY DATENAME(DW, order\_date)

***Output:***



1. **Monthly Trend 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)

***Output:***



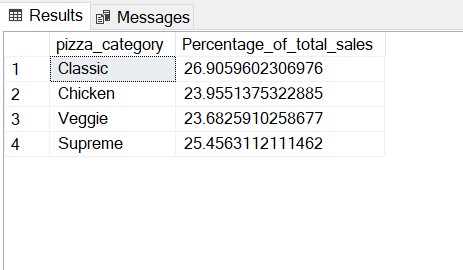
1. **% of Sales by Pizza Category**

select pizza\_category, sum(total\_price)\*100 / (select sum(total\_price) from pizza\_sales)

as Percentage\_of\_total\_sales from pizza\_sales

group by pizza\_category

***Output:***



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

select pizza\_size, cast(sum(total\_price) as decimal(10,2)) as total\_revenue ,

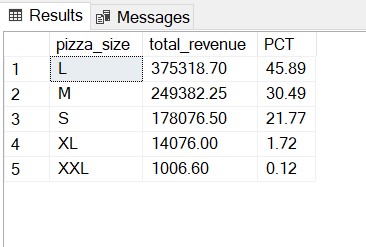
cast(sum(total\_price)\*100/(select sum(total\_price) from pizza\_sales) as decimal(10,2))

as PCT from pizza\_sales

group by pizza\_size

order by pizza\_size

***Output:***



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

select pizza\_category, sum(quantity) as total\_quantity\_sold

from pizza\_sales

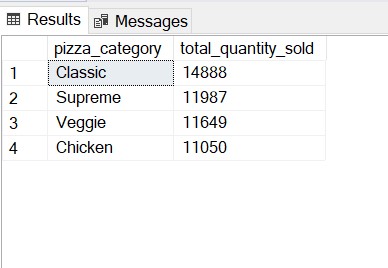
-- where MONTH(order\_date) = 1

group by pizza\_category

order by total\_quantity\_sold

desc

***Output:***



**G. Top 5 Pizzas by Revenue**

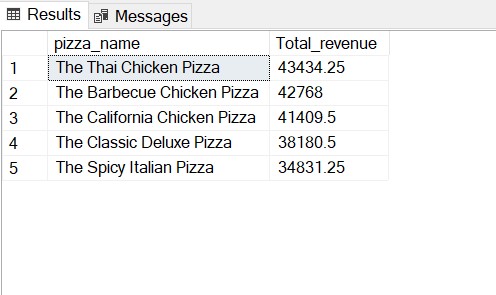
select top 5 pizza\_name , sum(total\_price) as Total\_revenue from pizza\_sales

group by pizza\_name

order by Total\_revenue

desc

***Output:***



1. **Bottom 5 Pizzas by Revenue**

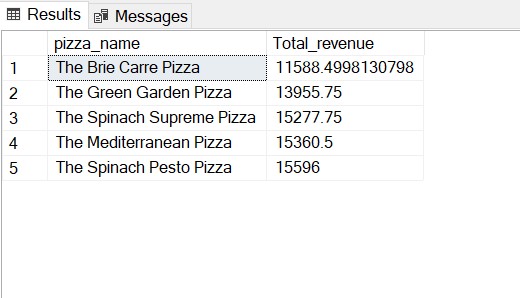
select top 5 pizza\_name , sum(total\_price) as Total\_revenue from pizza\_sales

group by pizza\_name

order by Total\_revenue

asc

***Output:***



1. **Top 5 Pizzas by Quantity**

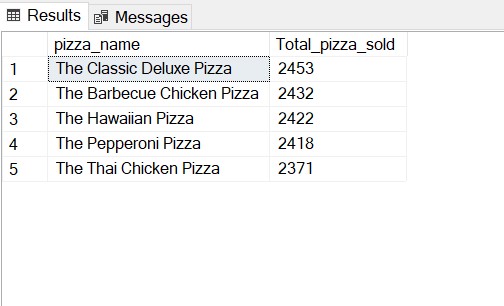
SELECT Top 5 pizza\_name, SUM(quantity) AS Total\_Pizza\_Sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold DESC

***Output***



1. **Bottom 5 Pizzas by Quantity**

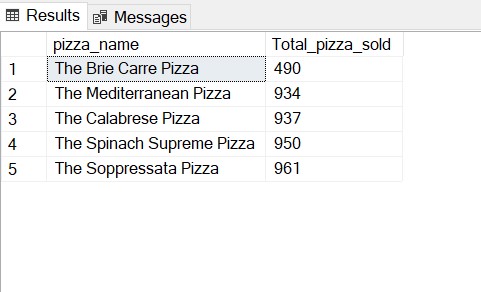
SELECT TOP 5 pizza\_name, SUM(quantity) AS Total\_Pizza\_Sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold ASC

***Output***



1. **Top 5 Pizzas by Total Orders**

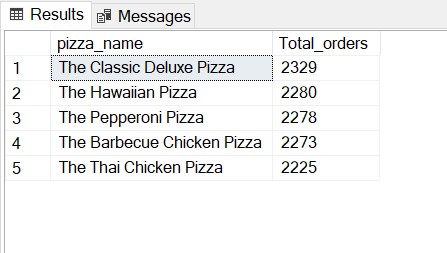
SELECT Top 5 pizza\_name, COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders DESC

***Output***



1. **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 ASC

***Output***

