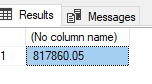
**PIZZA SALES SQL QUERIES**

**A. KPI’s**

**1. Total Revenue:**

Ans. select ROUND(SUM(total\_price),2) from pizza\_sales

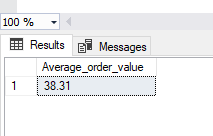


**2. Average Order Value**

Ans select ROUND(sum(total\_price)/(COUNT(distinct(order\_id))),2) as Average\_order\_value from pizza\_sales

Average\_order\_value

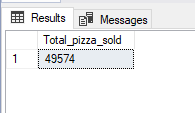
38.31



**3. Total Pizzas Sold**

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

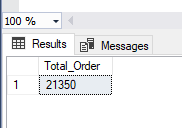
49574



**4. Total Orders**

Ans select COUNT(distinct(order\_id)) as Total\_Order from pizza\_sales  
  
Total\_Order

21350

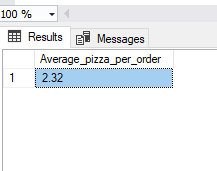


**5. Average Pizzas Per Order  
Ans.**

select CAST(CAST(SUM(quantity) as decimal(10,2))/CAST(COUNT(distinct(order\_id)) as decimal(10,2)) as decimal(10,2))

as Average\_pizza\_per\_order from pizza\_sales  
  
Average\_pizza\_per\_order

2.32



**Problem Statement   
Chart Requirement :**

1. **Daily Trend for Total Orders**

**Ans**select DATENAME(WEEKDAY,order\_date) as order\_day,count(distinct(order\_id)) as total\_orders from pizza\_sales

group by DATENAME(WEEKDAY,order\_date)

order by total\_orders desc

**order\_day total\_orders**

**Friday 3538**

**Thursday 3239**

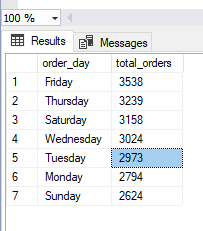
**Saturday 3158**

**Wednesday 3024**

**Tuesday 2973**

**Monday 2794**

**Sunday 2624**



1. **Monthly Trend for Orders**

Ans  
select DATENAME(MONTH,order\_date) as month\_name,COUNT(distinct(order\_id)) as total\_order from pizza\_sales

group by DATENAME(MONTH,order\_date)

order by total\_order desc

month\_name total\_order

July 1935

May 1853

January 1845

August 1841

March 1840

April 1799

November 1792

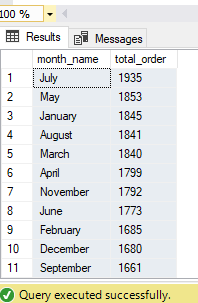
June 1773

February 1685

December 1680

September 1661

October 1646



**3**

**% of Sales by Pizza Category**

**Ans..**

select pizza\_category,round(sum(total\_price)\*100/(select sum(total\_price) from pizza\_sales),2) as saless\_per from pizza\_sales

group by pizza\_category

order by saless\_per desc

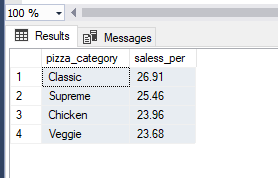
**pizza\_category saless\_per**

**Classic 26.91**

**Supreme 25.46**

**Chicken 23.96**

**Veggie 23.68**



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

Ans

pizza\_size sales\_per

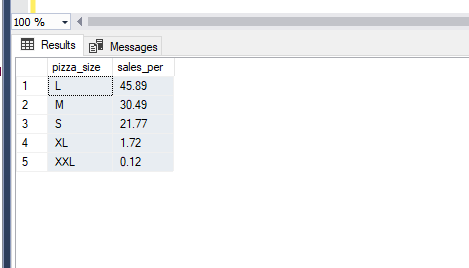
L 45.89

M 30.49

S 21.77

XL 1.72

XXL 0.12



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

**Ans**

select pizza\_category,sum(quantity) as Total\_Pizza from pizza\_sales

group by pizza\_category

order by Total\_Pizza desc

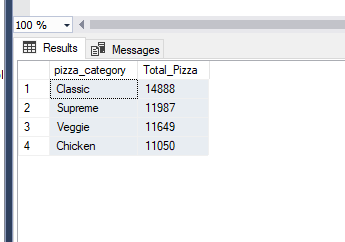
pizza\_category Total\_Pizza

Classic 14888

Supreme 11987

Veggie 11649

Chicken 11050



**G. Top 5 Pizzas by Revenue**

select top 5 pizza\_name,ROUND(SUM(total\_price),2) as total\_revenue from pizza\_sales

group by pizza\_name

order by total\_revenue desc

**pizza\_name total\_revenue**

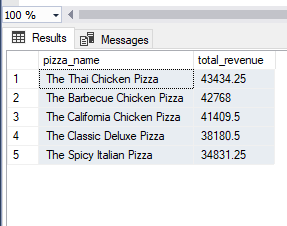
**The Thai Chicken Pizza 43434.25**

**The Barbecue Chicken Pizza 42768**

**The California Chicken Pizza 41409.5**

**The Classic Deluxe Pizza 38180.5**

**The Spicy Italian Pizza 34831.25**



**H. Bottom 5 Pizzas by Revenue**

**Ans**

select top 5 pizza\_name,ROUND(SUM(total\_price),2) as total\_revenue from pizza\_sales

group by pizza\_name

order by total\_revenue

**pizza\_name total\_revenue**

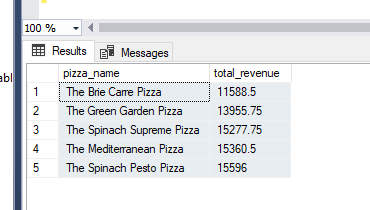
**The Brie Carre Pizza 11588.5**

**The Green Garden Pizza 13955.75**

**The Spinach Supreme Pizza 15277.75**

**The Mediterranean Pizza 15360.5**

**The Spinach Pesto Pizza 15596**



**I. Top 5 Pizzas by Quantity**

**Ans** select top 5 pizza\_name,sum(quantity) as Total\_qyantity from pizza\_sales

group by pizza\_name

order by Total\_qyantity desc

**pizza\_name Total\_qyantity**

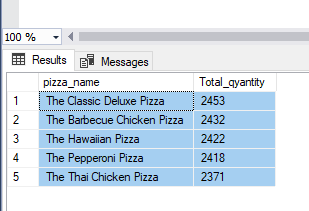
**The Classic Deluxe Pizza 2453**

**The Barbecue Chicken Pizza 2432**

**The Hawaiian Pizza 2422**

**The Pepperoni Pizza 2418**

**The Thai Chicken Pizza 2371**



**J. Bottom 5 Pizzas by Quantity**

**Ans** select top 5 pizza\_name,sum(quantity) as Total\_qyantity from pizza\_sales

group by pizza\_name

order by Total\_qyantity desc

**pizza\_name Total\_qyantity**

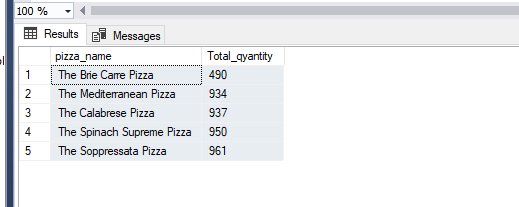
**The Brie Carre Pizza 490**

**The Mediterranean Pizza 934**

**The Calabrese Pizza 937**

**The Spinach Supreme Pizza 950**

**The Soppressata Pizza 961**



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

**Ans .**

select top 5 pizza\_name,count(distinct(order\_id)) as total\_order from pizza\_sales

group by pizza\_name

order by total\_order desc

**pizza\_name total\_order**

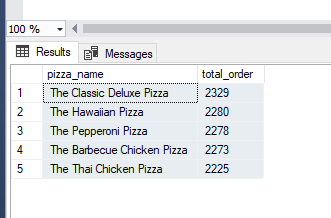
**The Classic Deluxe Pizza 2329**

**The Hawaiian Pizza 2280**

**The Pepperoni Pizza 2278**

**The Barbecue Chicken Pizza 2273**

**The Thai Chicken Pizza 2225**



**L. Borrom 5 Pizzas by Total Orders**

**Ans**

select top 5 pizza\_name,count(distinct(order\_id)) as total\_order from pizza\_sales

group by pizza\_name

order by total\_order

pizza\_name total\_order

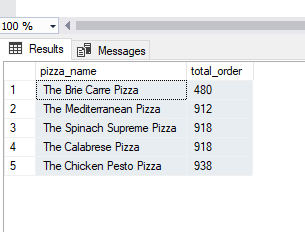
The Brie Carre Pizza 480

The Mediterranean Pizza 912

The Spinach Supreme Pizza 918

The Calabrese Pizza 918

The Chicken Pesto Pizza 938



***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