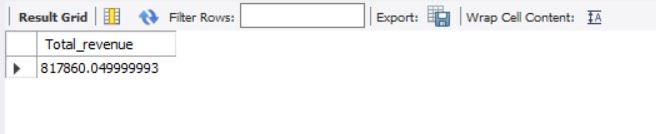
**PIZZA SALES SQL QUERIES**

**A. KPI’S**

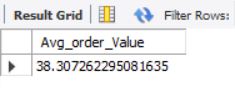
**1. Total Revenue:**

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 Pizzas 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



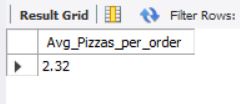
**5. Average Pizzas Per Order**

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\_order

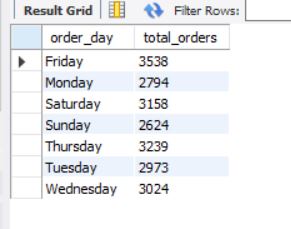
FROM pizza\_sales



**B. Daily Trend for Total Orders**SELECT DAYNAME(STR\_TO\_DATE(order\_date, '%d-%m-%Y')) AS order\_day, COUNT(DISTINCT order\_id) AS total\_orders

FROM pizza\_sales

GROUP BY DAYNAME(STR\_TO\_DATE(order\_date, '%d-%m-%Y'));  
***Output:***

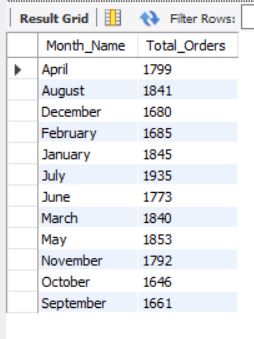
****

**C. Monthly Trend for Orders**

SELECT MONTHNAME(STR\_TO\_DATE(order\_date, '%d-%m-%Y')) AS Month\_Name, COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

GROUP BY MONTHNAME(STR\_TO\_DATE(order\_date, '%d-%m-%Y'));  
***Output***

****

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

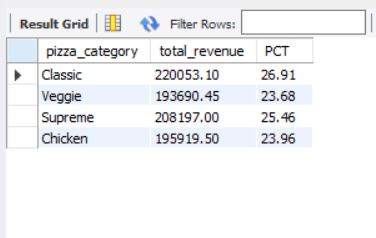
SELECT pizza\_category, CAST(SUM(total\_price) AS DECIMAL(10,2)) as total\_revenue,

CAST(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) from pizza\_sales) AS DECIMAL(10,2)) AS PCT

FROM pizza\_sales

GROUP BY pizza\_category

***Output***

****

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

SELECT pizza\_size, CAST(SUM(total\_price) AS DECIMAL(10,2)) as total\_revenue,

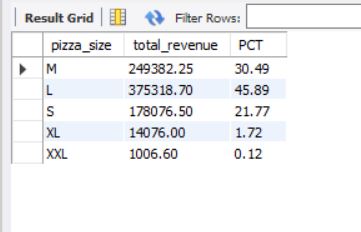
CAST(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) from pizza\_sales) AS DECIMAL(10,2)) AS PCT

FROM pizza\_sales

GROUP BY pizza\_size

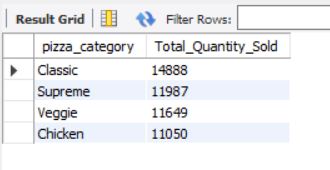
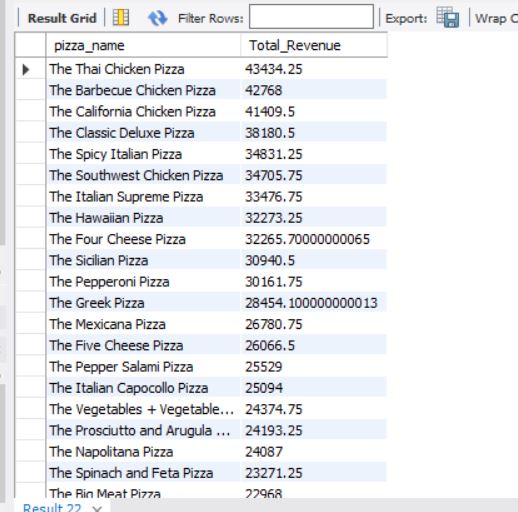
ORDER BY pizza\_size

***Output***

****

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

SELECT pizza\_category, SUM(quantity) as Total\_Quantity\_Sold  
FROM pizza\_sales  
GROUP BY pizza\_category  
ORDER BY Total\_Quantity\_Sold DESC;  
***Output***

**  
G. Total Revenue**SELECT pizza\_name, SUM(total\_price) AS Total\_Revenue   
FROM pizza\_sales  
GROUP BY pizza\_name  
ORDER BY Total\_Revenue DESC  
***Output***

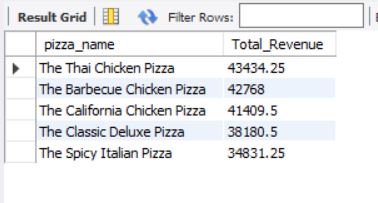
**H. Top 5 Pizzas by Revenue**

SELECT pizza\_name, SUM(total\_price) AS Total\_Revenue  
FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC

LIMIT 5;  
***Output***

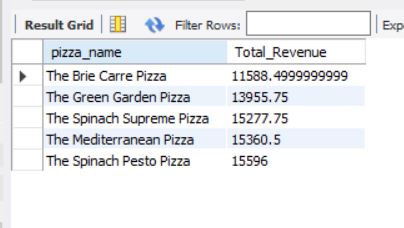
**  
  
I. Bottom 5 Pizzas by Revenue**

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue ASC

LIMIT 5;  
  
***Output***

**J. Top 5 Pizzas by Quantity**

SELECT pizza\_name, SUM(quantity) AS Total\_Quantity

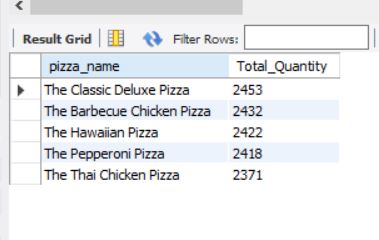
FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Quantity DESC

LIMIT 5;

***Output***

****

**K. Bottom 5 Pizzas by Quantity**

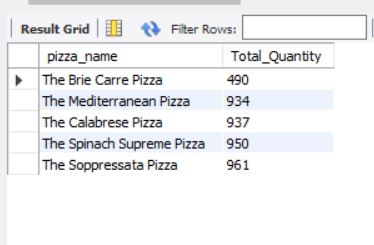
SELECT pizza\_name, SUM(quantity) AS Total\_Quantity

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Quantity ASC

LIMIT 5; ***Output***

****

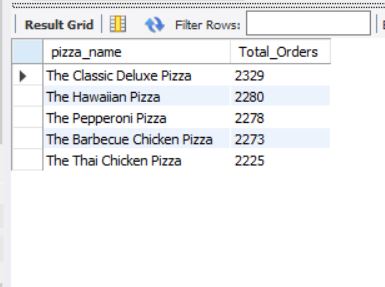
**L. Top 5 Pizzas by Total Orders**

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders ASC

LIMIT 5;  
***Output***

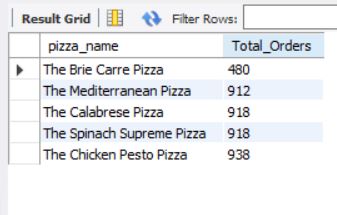
**M. Bottom 5 Pizzas by Total Orders**

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders ASC

LIMIT 5; ***Output  
***

***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

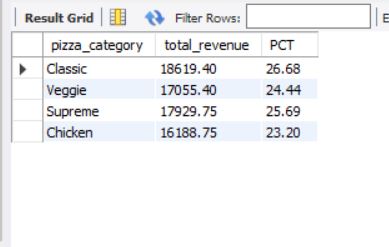
SELECT Top 5 pizza\_name, COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

WHERE pizza\_category = 'Classic'

GROUP BY pizza\_name

ORDER BY Total\_Orders ASC

Percentage of sales by pizza category for 1st month jan  
  
Select pizza\_category, CAST(SUM(total\_price) AS DECIMAL(10,2)) as total\_revenue, CAST(sum(total\_price) \* 100 / (Select sum(total\_price) from pizza\_sales Where DATE\_FORMAT(STR\_TO\_DATE(order\_date, '%d-%m-%Y'), '%m') = 1) AS DECIMAL(10,2)) As PCT from pizza\_sales Where DATE\_FORMAT(STR\_TO\_DATE(order\_date, '%d-%m-%Y'), '%m') = 1 GROUP BY pizza\_category;  
  
  
  
Total pizza sold by pizza category

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

FROM pizza\_sales

WHERE MONTH(STR\_TO\_DATE(order\_date, '%d-%m-%Y')) = 2

GROUP BY pizza\_category

ORDER BY Total\_Quantity\_Sold DESC;  
  
