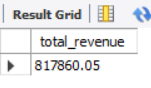
**"Pizza\_Sales\_MySQL\_Query\_results”**

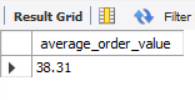
**/\* Q1. Find out the total revenue \*/**

SELECT ROUND(SUM(total\_price),2) AS total\_revenue FROM pizzasales;



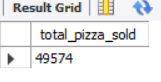
**/\* Q2. What is the average order value ? \*/**

SELECT ROUND((SUM(total\_price)/COUNT(DISTINCT(order\_id))),2) AS average\_order\_value FROM pizzasales;



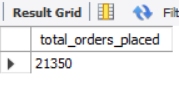
**/\* Q3. Find out the total number of pizza's sold \*/**

SELECT SUM(quantity) AS total\_pizza\_sold FROM pizzasales;



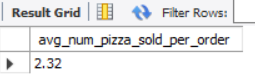
**/\* Q4. Find out the total number of orders placed \*/**

SELECT COUNT(DISTINCT(order\_id)) AS total\_orders\_placed FROM pizzasales;



**/\* Q5. Find out the average number of pizza's sold per order placed \*/**

SELECT ROUND((SUM(quantity) / COUNT(DISTINCT(order\_id))),2) AS avg\_num\_pizza\_sold\_per\_order FROM pizzasales;



-- KPI's QUERY COMPLETED –

-- QUERIES REQUIRED FOR CHART CREATIONS –

**/\* Q1. What is the hourly trend of the total pizza's sold, total orders placed & total revenue generated \*/**

SELECT HOUR(STR\_TO\_DATE(order\_time,'%T')) AS order\_hours,

SUM(quantity) AS total\_pizza\_sold,

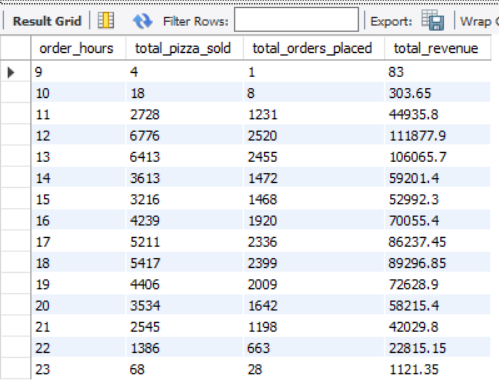
COUNT(DISTINCT(order\_id)) AS total\_orders\_placed,

ROUND(SUM(total\_price),2) AS total\_revenue

FROM pizzasales

GROUP BY order\_hours

ORDER BY order\_hours ASC;



**/\* Q2. What is the daily trend of the total pizza's sold, total orders placed & total revenue generated - day name \*/**

SELECT WEEKDAY(STR\_TO\_DATE(order\_date,'%d-%m-%Y')) AS order\_day\_number,

DAYNAME(STR\_TO\_DATE(order\_date,'%d-%m-%Y')) AS order\_day\_name,

SUM(quantity) AS total\_pizza\_sold,

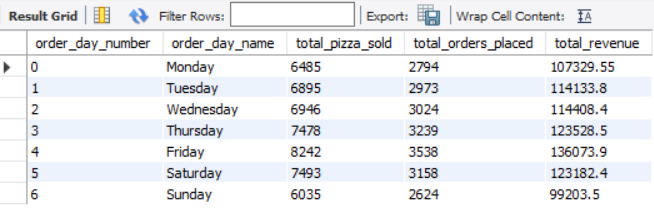
COUNT(DISTINCT(order\_id)) AS total\_orders\_placed,

ROUND(SUM(total\_price),2) AS total\_revenue

FROM pizzasales

GROUP BY order\_day\_number

ORDER BY order\_day\_number;



**/\* Q3. What is the daily trend of the total pizza's sold, total orders placed & total revenue generated - day of month \*/**

SELECT DAYOFMONTH(STR\_TO\_DATE(order\_date,'%d-%m-%Y')) AS order\_day\_of\_month,

SUM(quantity) AS total\_pizza\_sold,

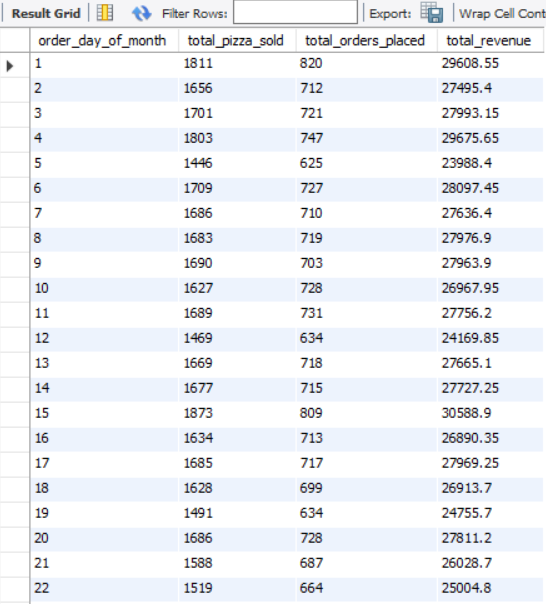
COUNT(DISTINCT(order\_id)) AS total\_orders\_placed,

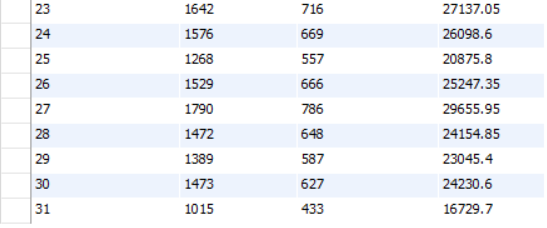
ROUND(SUM(total\_price),2) AS total\_revenue

FROM pizzasales

GROUP BY order\_day\_of\_month

ORDER BY order\_day\_of\_month;





**/\* Q4. What is the weekly trend of the total pizza's sold, total orders placed & total revenue generated \*/**

SELECT WEEKOFYEAR(STR\_TO\_DATE(order\_date,'%d-%m-%Y')) AS order\_week,

YEAR(STR\_TO\_DATE(order\_date,'%d-%m-%Y')) AS order\_year,

SUM(quantity) AS total\_pizza\_sold,

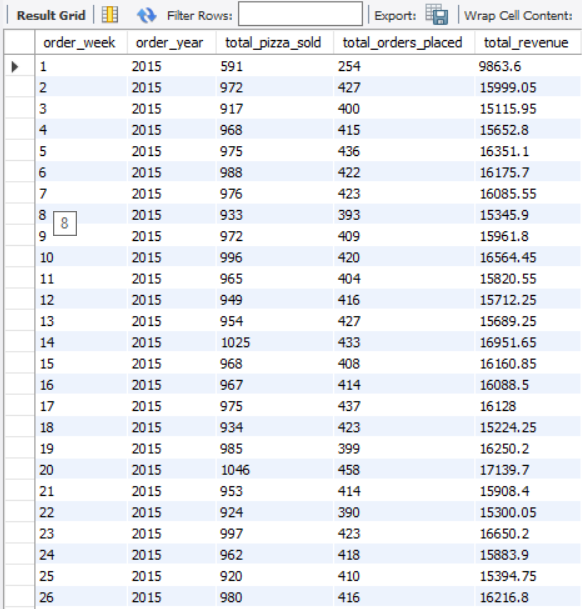
COUNT(DISTINCT(order\_id)) as total\_orders\_placed,

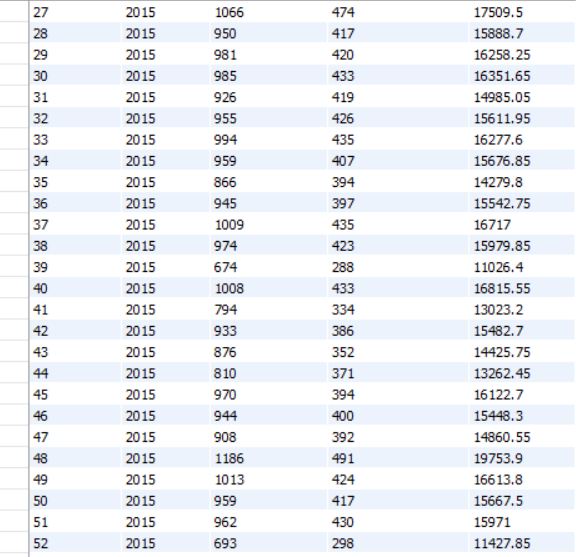
ROUND(SUM(total\_price),2) AS total\_revenue

FROM pizzasales

GROUP BY order\_week, order\_year

ORDER BY order\_week, order\_year ASC;







**/\* Q5. What is the monthly trend of the total pizza's sold, total orders placed & total revenue generated \*/**

SELECT MONTH(STR\_TO\_DATE(order\_date,'%d-%m-%Y')) AS order\_month\_number,

MONTHNAME(STR\_TO\_DATE(order\_date,'%d-%m-%Y')) AS order\_month\_name,

YEAR(STR\_TO\_DATE(order\_date,'%d-%m-%Y')) AS order\_year,

SUM(quantity) AS total\_pizza\_sold,

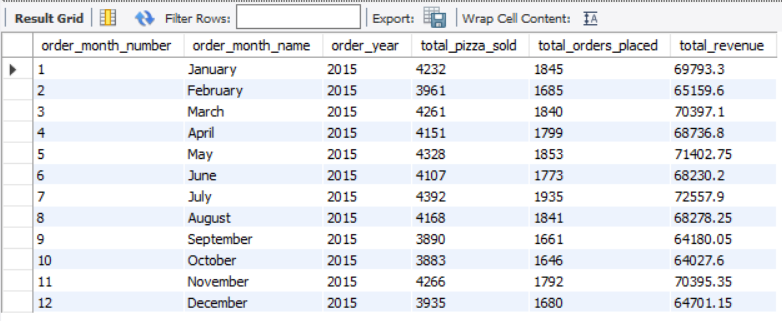
COUNT(DISTINCT(order\_id)) as total\_orders\_placed,

ROUND(SUM(total\_price),2) AS total\_revenue

FROM pizzasales

GROUP BY order\_month\_number, order\_month\_name, order\_year

ORDER BY order\_month\_number, order\_month\_name, order\_year ASC;



**/\* Q6. What is the quarterly trend of the total pizza's sold, total orders placed & total revenue generated \*/**

SELECT QUARTER(STR\_TO\_DATE(order\_date,'%d-%m-%Y')) AS order\_quarter\_number,

YEAR(STR\_TO\_DATE(order\_date,'%d-%m-%Y')) AS order\_year,

SUM(quantity) AS total\_pizza\_sold,

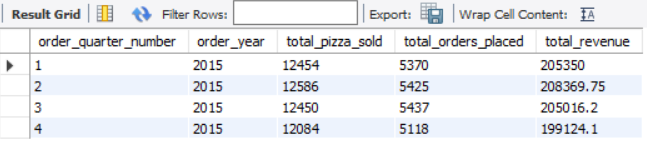
COUNT(DISTINCT(order\_id)) as total\_orders\_placed,

ROUND(SUM(total\_price),2) AS total\_revenue

FROM pizzasales

GROUP BY order\_quarter\_number, order\_year

ORDER BY order\_quarter\_number, order\_year ASC;



**/\* Q7. What are the total orders, total quantity sold, total revenue generated & percentage of pizza sales by pizza category \*/**

SELECT pizza\_category,

COUNT(DISTINCT(order\_id)) AS total\_orders\_placed,

SUM(quantity) AS total\_pizza\_sold,

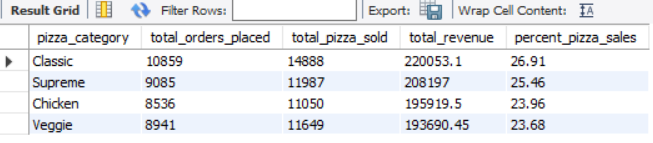
ROUND(SUM(total\_price),2) AS total\_revenue,

ROUND((SUM(total\_price) \* 100)/ (SELECT SUM(total\_price) FROM pizzasales),2) AS percent\_pizza\_sales

FROM pizzasales

GROUP BY pizza\_category

ORDER BY percent\_pizza\_sales DESC;



**/\* Q8. What are the total orders, total quantity sold, total revenue generated & percentage of pizza sales by pizza size \*/**

SELECT pizza\_size,

COUNT(DISTINCT(order\_id)) AS total\_orders\_placed,

SUM(quantity) AS total\_pizza\_sold,

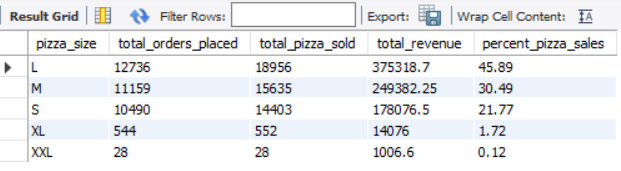
ROUND(SUM(total\_price),2) AS total\_revenue,

ROUND((SUM(total\_price) \* 100)/ (SELECT SUM(total\_price) FROM pizzasales),2) AS percent\_pizza\_sales

FROM pizzasales

GROUP BY pizza\_size

ORDER BY percent\_pizza\_sales DESC;



**/\* Q9. What are the total orders, total quantity sold, total revenue generated & percentage of pizza sales by pizza category & pizza size \*/**

SELECT pizza\_category,

pizza\_size,

COUNT(DISTINCT(order\_id)) AS total\_orders\_placed,

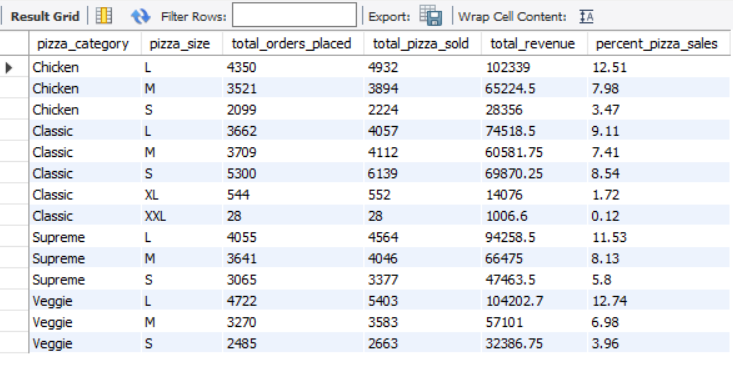
SUM(quantity) AS total\_pizza\_sold,

ROUND(SUM(total\_price),2) AS total\_revenue,

ROUND((SUM(total\_price) \* 100)/ (SELECT SUM(total\_price) FROM pizzasales),2) AS percent\_pizza\_sales

FROM pizzasales

GROUP BY pizza\_category, pizza\_size;



**/\*NOTE: We can use WHERE clause in above three queries to get monthly, quarterly, daily, hourly data also if required**

**in order to do that add the same WHERE clause to the SELECT statement in the parenthesis also**

**Below is one example of above query 7 for January Month \*/**

SELECT pizza\_category,

COUNT(DISTINCT(order\_id)) AS total\_orders\_placed,

SUM(quantity) AS total\_pizza\_sold,

ROUND(SUM(total\_price),2) AS total\_revenue,

ROUND((SUM(total\_price) \* 100)/ (SELECT SUM(total\_price) FROM pizzasales

WHERE MONTH(STR\_TO\_DATE(order\_date,'%d-%m-%Y')) = 1),2) AS percent\_pizza\_sales

FROM pizzasales

WHERE MONTH(STR\_TO\_DATE(order\_date,'%d-%m-%Y')) = 1

GROUP BY pizza\_category;

**/\* Q10. What are the total orders, total quantity sold, total revenue generated categorized by pizza name - Top 5 by total revenue \*/**

SELECT pizza\_name,

COUNT(DISTINCT(order\_id)) AS total\_orders\_placed,

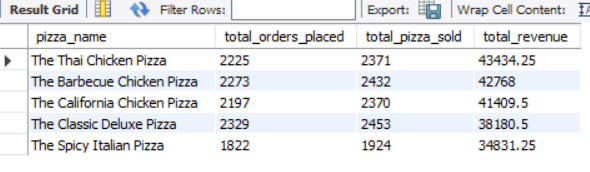
SUM(quantity) AS total\_pizza\_sold,

ROUND(SUM(total\_price),2) AS total\_revenue

FROM pizzasales

GROUP BY pizza\_name

ORDER BY total\_revenue DESC LIMIT 5;



**/\* Q11. What are the total orders, total quantity sold, total revenue generated categorized by pizza name - Bottom 5 by total revenue \*/**

SELECT pizza\_name,

COUNT(DISTINCT(order\_id)) AS total\_orders\_placed,

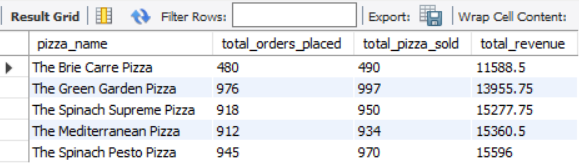
SUM(quantity) AS total\_pizza\_sold,

ROUND(SUM(total\_price),2) AS total\_revenue

FROM pizzasales

GROUP BY pizza\_name

ORDER BY total\_revenue ASC LIMIT 5;



**/\* Q12. What are the total orders, total quantity sold, total revenue generated categorized by pizza name - Top 5 by quantity sold \*/**

SELECT pizza\_name,

COUNT(DISTINCT(order\_id)) AS total\_orders\_placed,

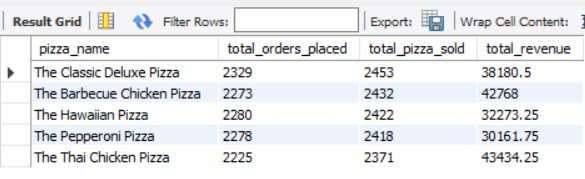
SUM(quantity) AS total\_pizza\_sold,

ROUND(SUM(total\_price),2) AS total\_revenue

FROM pizzasales

GROUP BY pizza\_name

ORDER BY total\_pizza\_sold DESC LIMIT 5;



**/\* Q13. What are the total orders, total quantity sold, total revenue generated categorized by pizza name - Bottom 5 by quantity sold \*/**

SELECT pizza\_name,

COUNT(DISTINCT(order\_id)) AS total\_orders\_placed,

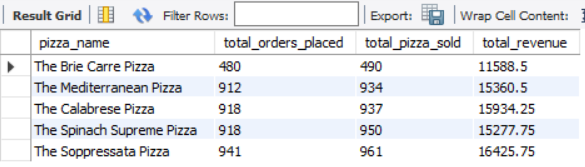
SUM(quantity) AS total\_pizza\_sold,

ROUND(SUM(total\_price),2) AS total\_revenue

FROM pizzasales

GROUP BY pizza\_name

ORDER BY total\_pizza\_sold ASC LIMIT 5;



**/\* Q14. What are the total orders, total quantity sold, total revenue generated categorized by pizza name - TOP 5 by orders placed \*/**

SELECT pizza\_name,

COUNT(DISTINCT(order\_id)) AS total\_orders\_placed,

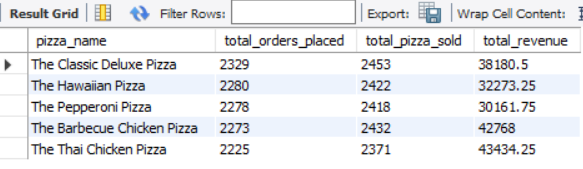
SUM(quantity) AS total\_pizza\_sold,

ROUND(SUM(total\_price),2) AS total\_revenue

FROM pizzasales

GROUP BY pizza\_name

ORDER BY total\_orders\_placed DESC LIMIT 5;



**/\* Q15. What are the total orders, total quantity sold, total revenue generated categorized by pizza name - Bottom 5 by orders placed \*/**

SELECT pizza\_name,

COUNT(DISTINCT(order\_id)) AS total\_orders\_placed,

SUM(quantity) AS total\_pizza\_sold,

ROUND(SUM(total\_price),2) AS total\_revenue

FROM pizzasales

GROUP BY pizza\_name

ORDER BY total\_orders\_placed ASC LIMIT 5;

