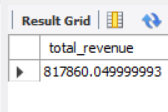
**PIZZA SALES SQL QUERIES**

**A. KPI’s**

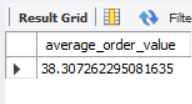
**1. Total Revenue:**

SELECT SUM(total\_price) AS total\_revenue FROM pizza\_sales;



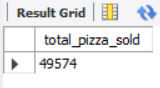
**2. Average Order Value**

SELECT SUM(total\_price) / COUNT(DISTINCT order\_id) AS average\_order\_value FROM pizza\_sales;

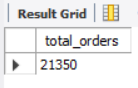


**3. Total Pizzas Sold**

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



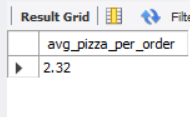
**4. Total Orders**

SELECT COUNT(distinct order\_id) AS total\_orders FROM pizza\_sales; 

**5. Average Pizzas Per Order**

SELECT CAST(SUM(quantity)/COUNT(distinct order\_id) AS DECIMAL (10,2)) AS avg\_pizza\_per\_order

FROM pizza\_sales;



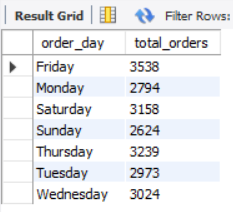
1. **Weekly Trend For Orders**

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

FROM pizza\_sales

GROUP BY DAYNAME(order\_date);

***Output:***



1. **Hourly Trend For Orders**

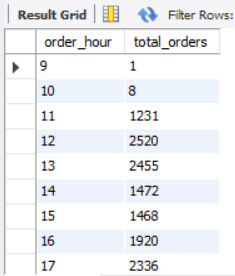
SELECT HOUR(order\_time) AS order\_hour, COUNT(DISTINCT order\_id) AS total\_orders

FROM pizza\_sales

GROUP BY HOUR(order\_time)

ORDER BY order\_hour;

***Output***



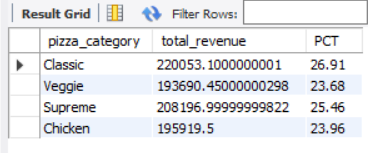
1. **% of sales by pizza category**

SELECT pizza\_category , SUM(total\_price) 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**

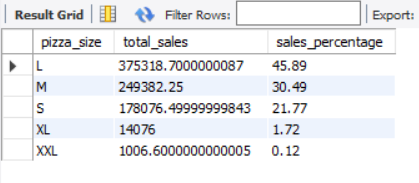
SELECT pizza\_size , SUM(total\_price) AS total\_sales, CAST(SUM(total\_price)\*100 / (SELECT SUM(total\_price) FROM pizza\_sales) AS DECIMAL (10,2)) AS sales\_percentage

FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY sales\_percentage DESC;

***Output***



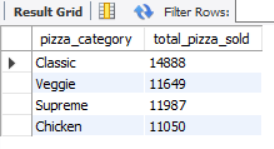
**F. Total Pizzas Sold by Pizza Category**

SELECT pizza\_category , SUM(quantity) AS total\_pizza\_sold

FROM pizza\_sales

GROUP BY pizza\_category;

***Output***



**G.Top 5 Best Sellers by Total Pizzas Sold**

SELECT pizza\_name , SUM(quantity) AS total\_pizzas\_sold

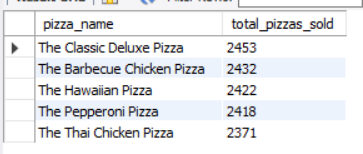
FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_pizzas\_sold DESC

LIMIT 5;

***Output***



**H.Bottom 5 Best Sellers by Total Pizzas Sold**

SELECT pizza\_name , SUM(quantity) AS total\_pizzas\_sold

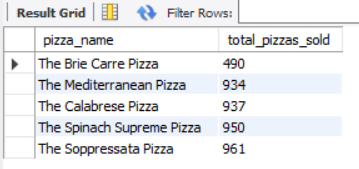
FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_pizzas\_sold

LIMIT 5;

***Output***



***NOTE***

If we want to apply the Month, Quarter, or Week filters to the below queries in **MySQL**, we can use the WHERE clause. Follow some of the examples below:

SELECT DAYNAME(order\_date) AS order\_day, COUNT(DISTINCT order\_id) AS total\_orders FROM pizza\_sales WHERE MONTH(order\_date) = 1GROUP BY DAYNAME(order\_date);

Here MONTH(order\_date) = 1 indicates that the output is for the month of January. MONTH(order\_date) = 4 indicates output for the month of April.

SELECT DAYNAME(order\_date) AS order\_day, COUNT(DISTINCT order\_id) AS total\_orders FROM pizza\_sales WHERE QUARTER(order\_date) = 1GROUP BY DAYNAME(order\_date);

Here QUARTER(order\_date) = 1 indicates that the output is for Quarter 1. QUARTER(order\_date) = 3 indicates output for Quarter 3.