**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 SUM(quantity) / COUNT(DISTINCT order\_id) AS Avg\_Pizzas\_per\_order

FROM pizza\_sales



B. Daily Trend for Total Orders  
*Output:*



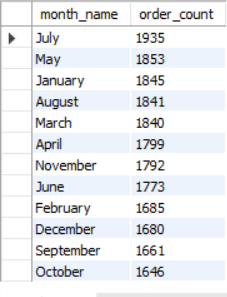
C. Monthly Trend for Orders

select monthname(STR\_TO\_DATE(order\_date, '%d-%m-%Y')) as month\_name, count(distinct order\_id)as order\_count from pizza\_sales

group by month\_name

order by order\_count desc

*Output*



D. % of Sales by Pizza Category

SELECT

pizza\_category,

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

SUM(total\_price) as total\_sales,

(SUM(total\_price) / (SELECT SUM(total\_price) FROM pizza\_sales WHERE MONTH(STR\_TO\_DATE(order\_date, '%d-%m-%Y')) = 1)) \* 100 AS percentage\_of\_sales

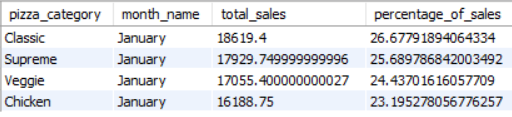
FROM pizza\_sales

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

GROUP BY pizza\_category, month\_name

ORDER BY percentage\_of\_sales DESC;

*Output*



E. % of Sales by Pizza Size

SELECT

pizza\_size,

SUM(total\_price) as total\_sales,

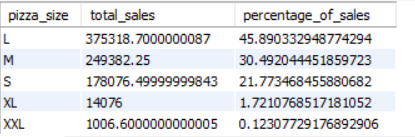
(SUM(total\_price) / (SELECT SUM(total\_price) FROM pizza\_sales)) \* 100 AS percentage\_of\_sales

FROM pizza\_sales

GROUP BY pizza\_size

order by percentage\_of\_sales desc

*Output*



F. Total Pizzas Sold by Pizza Category

SELECT

pizza\_category,

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

SUM(quantity) as total\_quantity

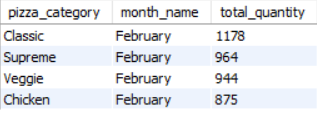
FROM pizza\_sales

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

GROUP BY pizza\_category, month\_name

ORDER BY total\_quantity DESC;

*Output*



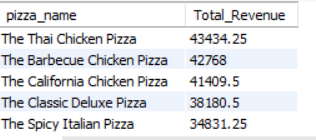
G. Top 5 Pizzas by Revenue

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC



H. 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;



I. Top 5 Pizzas by Quantity

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold DESC

limit 5

*Output*



J. Bottom 5 Pizzas by Quantity

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold asc

limit 5

*Output*



K. 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 DESC

limit 5

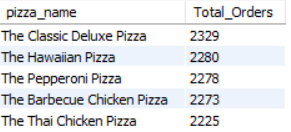
L. Borrom 5 Pizzas by Total Orders

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders ASC

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*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