# **KPI Requirements:**

1. **Total Revenue**

SELECT SUM(total\_price) AS Total\_Revenue

FROM pizza\_sales



1. **Total Order**

SELECT COUNT(DISTINCT order\_id) AS Total\_Order

FROM pizza\_sales;



1. **Average Order Value**

SELECT (SUM(total\_price) / COUNT(DISTINCT order\_id)) AS Average\_Order

FROM pizza\_sales;



1. **Total Pizza Sold**

SELECT SUM(quantity) AS Total\_Pizza\_Sold

FROM pizza\_sales;



1. **Average Pizza 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 Average\_pizza

FROM pizza\_sales



# **Chart Requirements**

1. **Daily Trend for total orders**

SELECT

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

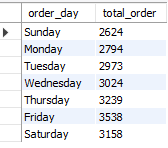
COUNT(DISTINCT order\_id) AS total\_order

FROM pizza\_sales

WHERE order\_date IS NOT NULL

GROUP BY DAYOFWEEK(STR\_TO\_DATE(order\_date, '%d-%m-%Y')), DAYNAME(STR\_TO\_DATE(order\_date, '%d-%m-%Y'))

ORDER BY DAYOFWEEK(STR\_TO\_DATE(order\_date, '%d-%m-%Y'));



1. **Monthly Trend for total orders**

SELECT

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

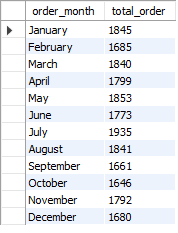
COUNT(DISTINCT order\_id) AS total\_order

FROM pizza\_sales

WHERE order\_date IS NOT NULL

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

ORDER BY MONTH(STR\_TO\_DATE(order\_date, '%d-%m-%Y'));

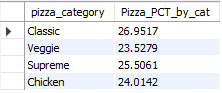


1. **Percentage of sales by pizza category**

SELECT pizza\_category, SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizza\_sales ) AS Pizza\_PCT\_by\_cat

FROM pizza\_sales

GROUP BY pizza\_category;

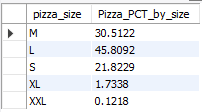


1. **Percentage of sales by pizza size**

SELECT pizza\_size, SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizza\_sales ) AS Pizza\_PCT\_by\_size

FROM pizza\_sales

GROUP BY pizza\_size;

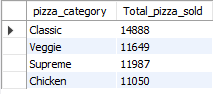


1. **Total pizza sold by pizza category**

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

FROM pizza\_sales

GROUP BY pizza\_category;



1. **Top 5 best Seller by revenue**

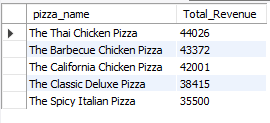
SELECT pizza\_name, SUM(total\_price) AS Total\_Revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY SUM(total\_price) DESC

LIMIT 5;



1. **Top 5 best Seller by quantity**

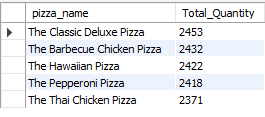
SELECT pizza\_name, SUM(quantity) AS Total\_Quantity

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY SUM(quantity) DESC

LIMIT 5;



1. **Top 5 best Seller by order**

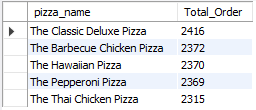
SELECT pizza\_name, COUNT(order\_id) AS Total\_Order

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY COUNT(order\_id) DESC

LIMIT 5;



1. **Bottom 5 best Seller by revenue**

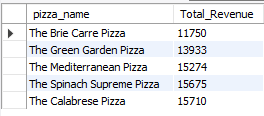
SELECT pizza\_name, SUM(total\_price) AS Total\_Revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY SUM(total\_price) ASC

LIMIT 5;



**10) Bottom 5 best Seller by quantity**

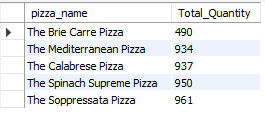
SELECT pizza\_name, SUM(quantity) AS Total\_Quantity

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY SUM(quantity) ASC

LIMIT 5;



**11) Bottom 5 best Seller by order**

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY COUNT(order\_id) ASC

LIMIT 5;

