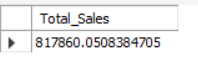
SQL Queries

1. KPI’s

-- Total Sales of Pizza

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



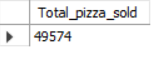
-- Average Order value

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



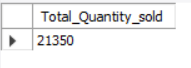
-- Total Pizza's sold

SELECT sum(quantity) AS Total\_pizza\_sold FROM pizza\_sales;



-- Total Quantity Sold

SELECT COUNT( DISTINCT order\_id) AS Total\_Quantity\_sold FROM pizza\_sales;



-- Average Pizzas per order

SELECT round(sum(quantity)/COUNT( DISTINCT order\_id),2) AS Avg\_pizzas\_per\_order FROM pizza\_sales;



2. Chart Requirements

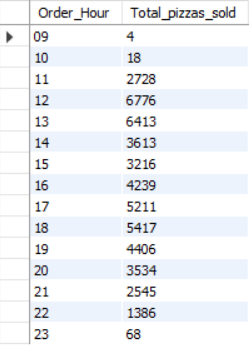
-- Hourly Trend For Total Pizzas Sold

SELECT DATE\_FORMAT(order\_time, '%H') AS Order\_Hour, SUM(quantity) AS Total\_pizzas\_sold

FROM pizza\_sales

GROUP BY DATE\_FORMAT(order\_time, '%H')

ORDER BY DATE\_FORMAT(order\_time, '%H');



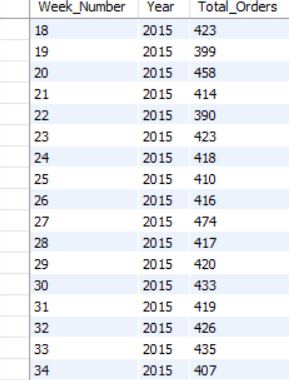
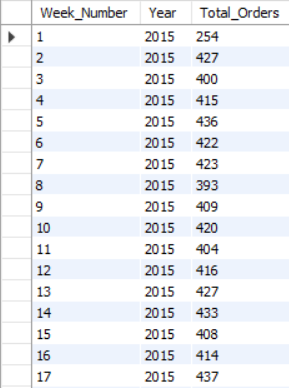
-- Weekly Trend for the Total Orders

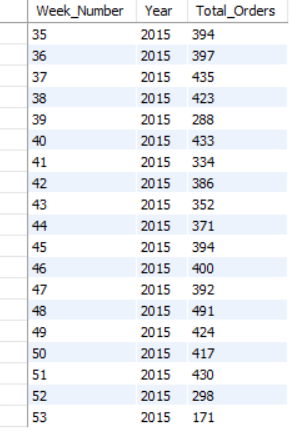
SELECT week(order\_date,3) AS Week\_Number,year(order\_date) AS Year ,COUNT( DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

GROUP BY Week\_Number,Year

ORDER BY Week\_Number,Year;





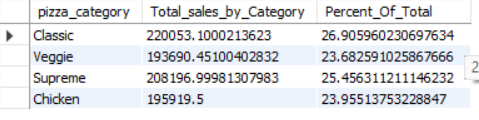
-- % of Sales By Category

SELECT pizza\_category,sum(total\_price) AS Total\_sales\_by\_Category,

sum(total\_price) \* 100 / (SELECT sum(total\_price) FROM pizza\_sales) AS Percent\_Of\_Total

FROM pizza\_sales

GROUP BY pizza\_category;



**With Filter**

SELECT pizza\_category,sum(total\_price) AS Total\_sales\_by\_Category,

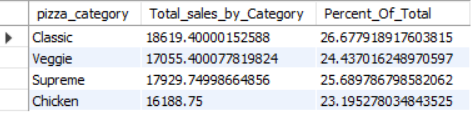
sum(total\_price) \* 100 / (SELECT sum(total\_price) FROM pizza\_sales WHERE month(order\_date) = 1) AS Percent\_Of\_Total

FROM pizza\_sales

WHERE month(order\_date) = 1

GROUP BY pizza\_category;

\*\*\* WHERE month(order\_date) = 1 *to get the % for a particular month 1 indicates Jan*



-- % of Sales By Size

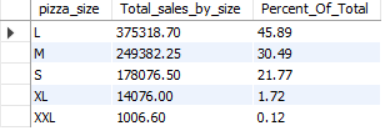
SELECT pizza\_size, cast(sum(total\_price) AS DECIMAL(10,2)) AS Total\_sales\_by\_size,

round(sum(total\_price) \* 100 / (SELECT sum(total\_price) FROM pizza\_sales),2) AS Percent\_Of\_Total

FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY Percent\_Of\_Total DESC;



**-- % of Sales By Size Quarter**

SELECT pizza\_size, cast(sum(total\_price) AS DECIMAL(10,2)) AS Total\_sales\_by\_size,

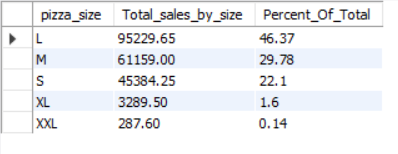
round(sum(total\_price) \* 100 / (SELECT sum(total\_price) FROM pizza\_sales WHERE quarter(order\_date) = 1),2) AS Percent\_Of\_Total

FROM pizza\_sales

WHERE quarter(order\_date) = 1

GROUP BY pizza\_size

ORDER BY Percent\_Of\_Total DESC;



-- Top 5 best Sellers by **Revnue** , **Total Quantity and Orders**

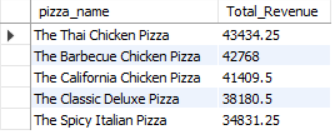
SELECT pizza\_name, SUM(total\_price) AS Total\_Revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC

LIMIT 5;



**-- QUANTITY**

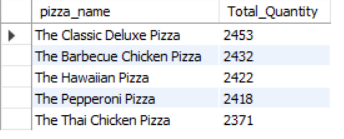
SELECT pizza\_name, SUM(quantity) AS Total\_Quantity

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Quantity DESC

LIMIT 5;



**-- ORDERS**

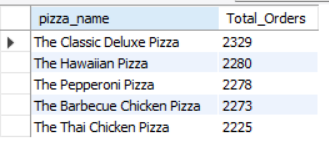
SELECT pizza\_name, COUNT( DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders DESC

LIMIT 5;



-- Top 5 least Sellers by **Revnue , Total Quantity and Orders**

**-- REVENUE**

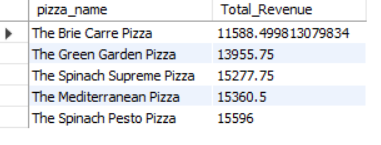
SELECT pizza\_name, SUM(total\_price) AS Total\_Revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue ASC

LIMIT 5;



**-- QUANTITY**

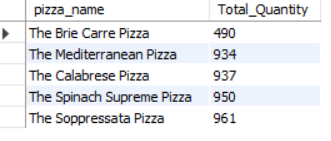
SELECT pizza\_name, SUM(quantity) AS Total\_Quantity

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Quantity ASC

LIMIT 5;



**-- 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;

