** Pizza Sales SQL Queries **

**KPI’s Queries**

**1. Total Revenue**

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



**2. Average Order Value**

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



**3. Total Pizzas Sold**

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



**4. Total Orders**

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



**5. Average Pizzas per Order**

SELECT ROUND(SUM(quantity) / COUNT(DISTINCT order\_id), 2) AS avg\_pizzas\_per\_order FROM pizza\_sales;



**Charts Queries**

**1. Hourly Trend for Total Pizzas Sold**

SELECT

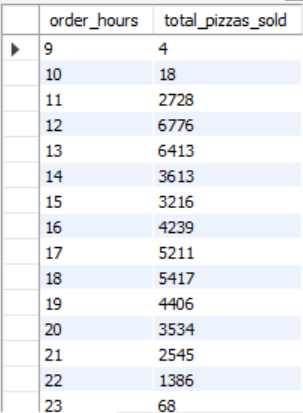
HOUR(order\_time) AS order\_hours,

SUM(quantity) AS total\_pizzas\_sold

FROM pizza\_sales

GROUP BY order\_hours

ORDER BY order\_hours;



**2. Weekly Trend for Total Orders**

SELECT

YEAR(order\_date) AS year,

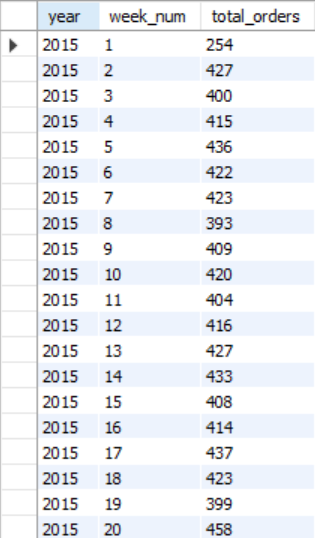
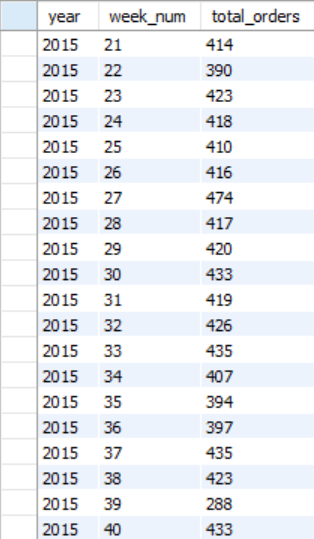
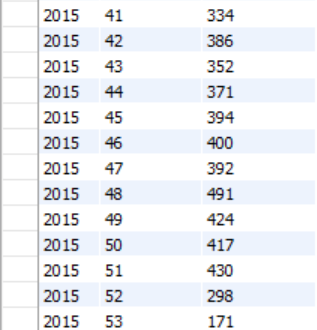
WEEKOFYEAR(order\_date) AS week\_num,

COUNT(DISTINCT order\_id) AS total\_orders

FROM pizza\_sales

GROUP BY year, week\_num

ORDER BY year, week\_num;

**3. Percentage of Sales by Pizza Category**

SELECT

pizza\_category,

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

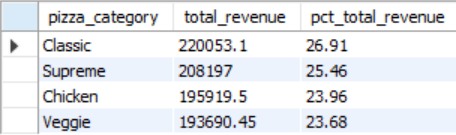
ROUND(SUM(total\_price) \* 100

/ (SELECT SUM(total\_price) FROM pizza\_sales), 2) AS pct\_total\_revenue

FROM pizza\_sales

GROUP BY pizza\_category

ORDER BY total\_revenue DESC;



**4. Percentage of Sales by Pizza Size**

SELECT

pizza\_size,

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

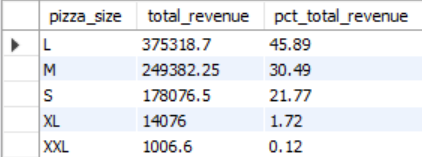
ROUND(SUM(total\_price) \* 100

/ (SELECT SUM(total\_price) FROM pizza\_sales), 2) AS pct\_total\_revenue

FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY total\_revenue DESC;



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

SELECT

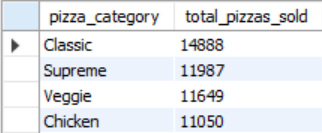
pizza\_category,

SUM(quantity) AS total\_pizzas\_sold

FROM pizza\_sales

GROUP BY pizza\_category

ORDER BY total\_pizzas\_sold DESC;



**6a. Top 5 Best Sellers by Revenue**

SELECT

pizza\_name,

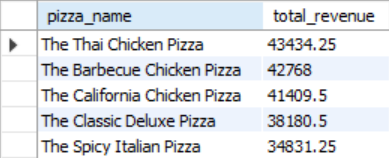
ROUND(SUM(total\_price), 2) AS total\_revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_revenue DESC

LIMIT 5;



**6b. Top 5 Best Sellers by Total Quantity**

SELECT

pizza\_name,

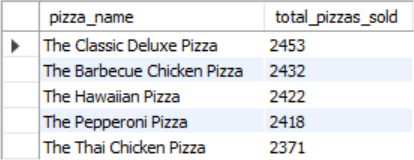
SUM(quantity) AS total\_pizzas\_sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_pizzas\_sold DESC

LIMIT 5;



**6c. Top 5 Best Sellers by Total Orders**

SELECT

pizza\_name,

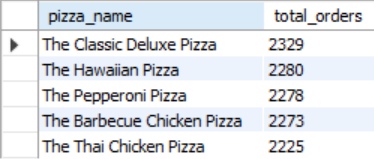
COUNT(DISTINCT order\_id) AS total\_orders

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_orders DESC

LIMIT 5;



**7a. Bottom 5 Best Sellers by Revenue**

SELECT

pizza\_name,

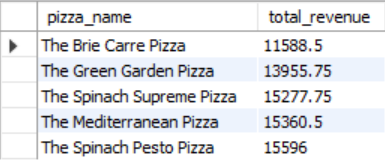
ROUND(SUM(total\_price), 2) AS total\_revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_revenue

LIMIT 5;



**7b. Bottom 5 Best Sellers by Total Quantity**

SELECT

pizza\_name,

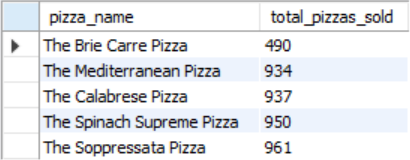
SUM(quantity) AS total\_pizzas\_sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_pizzas\_sold

LIMIT 5;



**7c. Bottom 5 Best Sellers by Total Orders**

SELECT

pizza\_name,

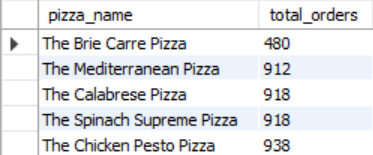
COUNT(DISTINCT order\_id) AS total\_orders

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_orders

LIMIT 5;



**NOTE**

To apply a pizza\_category, pizza\_size, order\_date, order\_time or other filter to the queries, you can use a WHERE clause, like this example.

SELECT

pizza\_name,

SUM(quantity) AS total\_pizzas\_sold

FROM pizza\_sales

WHERE

MONTH(order\_date) IN (4, 5)

AND pizza\_category = 'Chicken'

GROUP BY pizza\_name

ORDER BY total\_pizzas\_sold DESC

LIMIT 5;

Here is for the months of April and May and the ‘Chicken’ pizza category. :)