**PIZZA SALES SQL QUERIES**

CREATE DATABASE Pizza;

USE Pizza;

CREATE TABLE Sales (

pizza\_id INT,

order\_id INT,

pizza\_name\_id VARCHAR(50),

quantity TINYINT,

order\_date DATE,

order\_time TIME,

unit\_price FLOAT,

total\_price FLOAT,

pizza\_size VARCHAR(50),

pizza\_category VARCHAR(50),

pizza\_ingredients VARCHAR(200),

pizza\_name VARCHAR(50)

);

INSERT INTO Sales

(pizza\_id, order\_id, pizza\_name\_id, quantity, order\_date, order\_time, unit\_price, total\_price, pizza\_size, pizza\_category, pizza\_ingredients, pizza\_name)

VALUES (1, 1, 'hawaiian\_m', 1, '2015-01-01', '11:38:36', 13.25, 13.25, 'M', 'Classic', 'Sliced Ham, Pineapple, Mozzarella Cheese', 'The Hawaiian Pizza');

**1). Total Revenue**: Summing the total price from all sales.

SELECT SUM(total\_price) AS Total\_Revenue FROM pizza.sales;



2). **Average Order Value**: Divides the total revenue by the number of distinct orders.

SELECT SUM(total\_price) / COUNT(DISTINCT order\_id) AS Average\_Order\_Value FROM pizza.sales;



3). **Total Pizza Sold**: Sums up the total quantity of pizzas sold.

SELECT SUM(quantity) AS Total\_Pizza\_Sold FROM pizza.sales;



4). **Total Orders**: Counts the distinct number of orders.

SELECT COUNT(DISTINCT order\_id) AS Total\_Orders FROM pizza.sales;



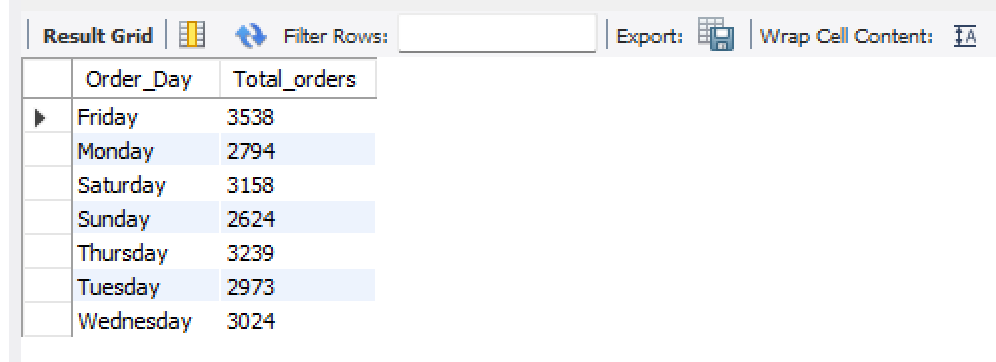
5). **Average Pizza Per Order**: Calculates the average number of pizzas per order.

SELECT SUM(quantity) / COUNT(DISTINCT order\_id) AS Avg\_Pizza\_Per\_Order FROM pizza.sales;



6). **Daily Trend for Total Orders**: Groups the total orders by day of the week.

SELECT DAYNAME(order\_date) AS Order\_Day, COUNT(DISTINCT order\_id) AS Total\_orders FROM pizza.sales GROUP BY DAYNAME(order\_date);



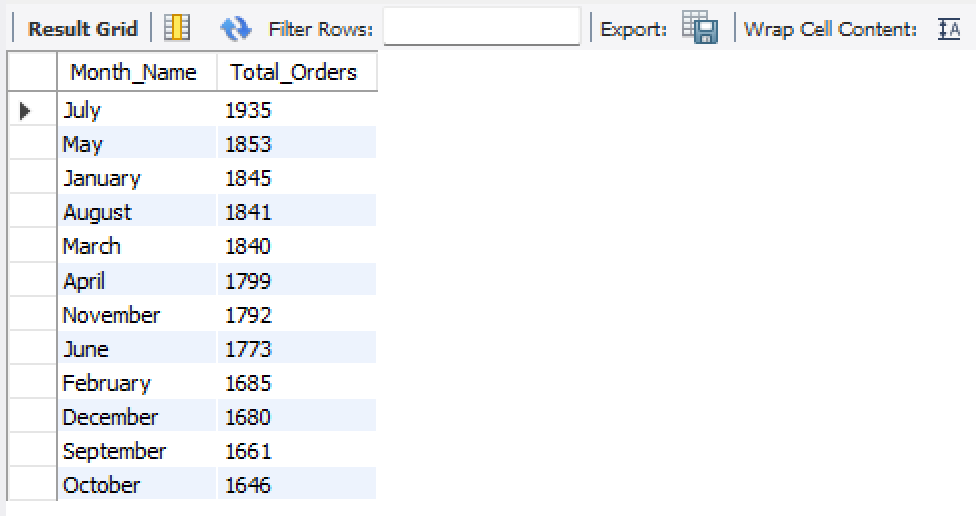
7). **Monthly Trend for Total Orders**: Groups the total orders by month, ordered by the total number of orders.

SELECT MONTHNAME(order\_date) AS Month\_Name, COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza.sales

GROUP BY MONTHNAME(order\_date)

ORDER BY Total\_Orders DESC;



8). **Percentage of Sales by Pizza Category**: Computes the percentage of sales for each pizza category in January.

SELECT

Pizza\_Category,

SUM(total\_price) AS Total\_Sales,

SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizza.sales WHERE MONTH(order\_date) = 1) AS PCT

FROM

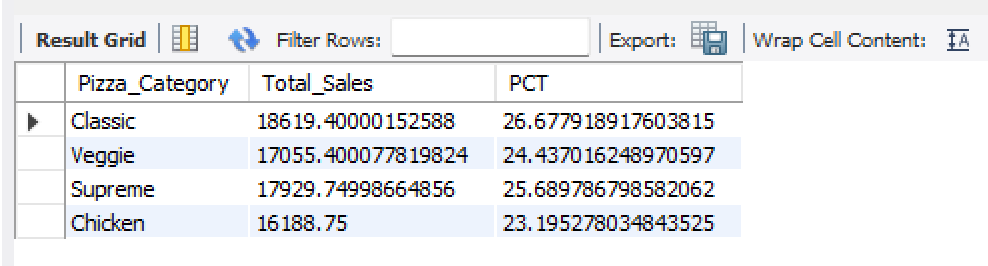
pizza.sales

WHERE

MONTH(order\_date) = 1

GROUP BY

Pizza\_Category;



9). **Percentage of Sales by Pizza Size**: Calculates the percentage of sales by pizza size.

SELECT

Pizza\_Size,

SUM(total\_price) AS Total\_Sales,

SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizza.sales) AS PCT

FROM

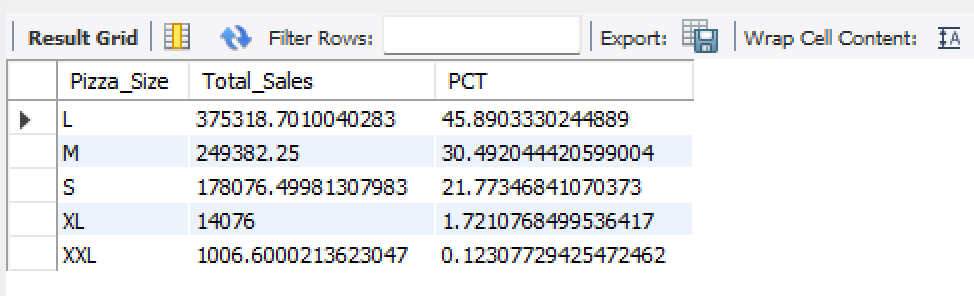
pizza.sales

GROUP BY

Pizza\_Size

ORDER BY

PCT DESC;



10). **Top 5 Pizzas by Revenue**: Lists the top 5 pizzas generating the highest revenue.

SELECT

pizza\_name,

SUM(total\_price) AS Total\_Revenue

FROM

pizza.sales

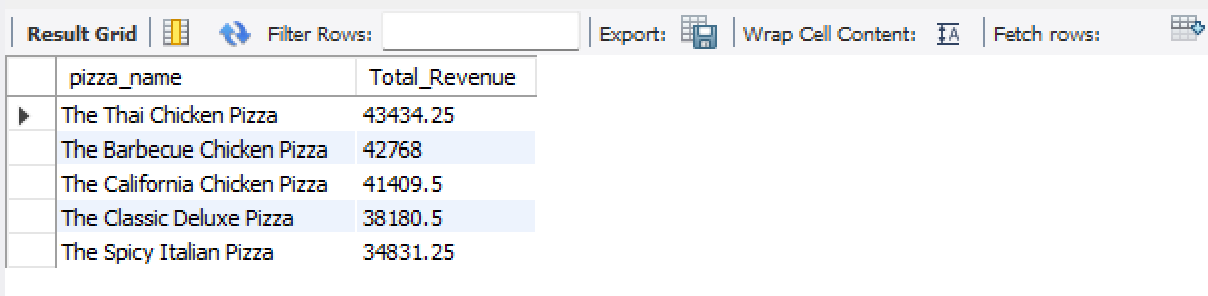
GROUP BY

Pizza\_Name

ORDER BY

Total\_Revenue DESC

LIMIT 5;



11). **Bottom 5 Pizzas by Revenue**: Lists the 5 pizzas generating the lowest revenue.

SELECT

pizza\_name,

SUM(total\_price) AS Total\_Revenue

FROM

pizza.sales

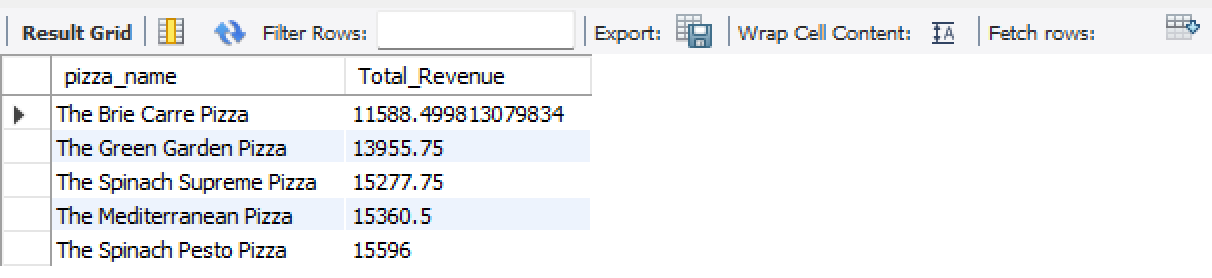
GROUP BY

Pizza\_Name

ORDER BY

Total\_Revenue ASC

LIMIT 5;



12). **Top 5 Pizzas by Quantity**: Lists the top 5 pizzas sold in terms of quantity.

SELECT

pizza\_name,

SUM(quantity) AS Total\_Quantity

FROM

pizza.sales

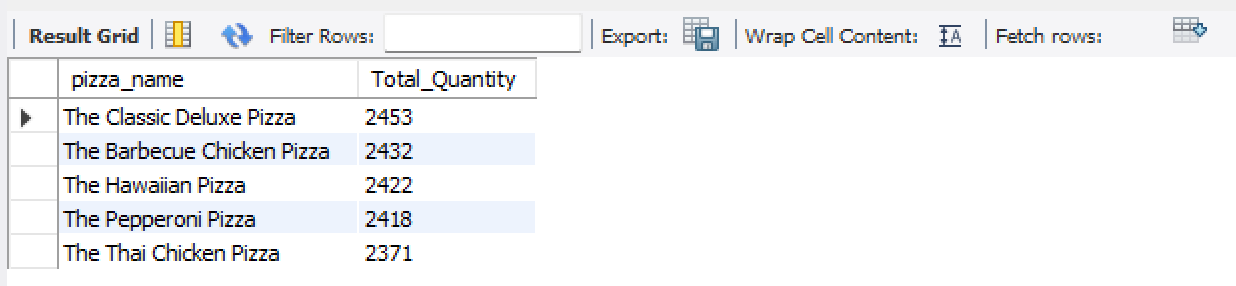
GROUP BY

Pizza\_Name

ORDER BY

Total\_Quantity DESC

LIMIT 5;



13). **Bottom 5 Pizzas by Quantity**: Lists the 5 pizzas sold in the lowest quantity.

SELECT

pizza\_name,

SUM(quantity) AS Total\_Quantity

FROM

pizza.sales

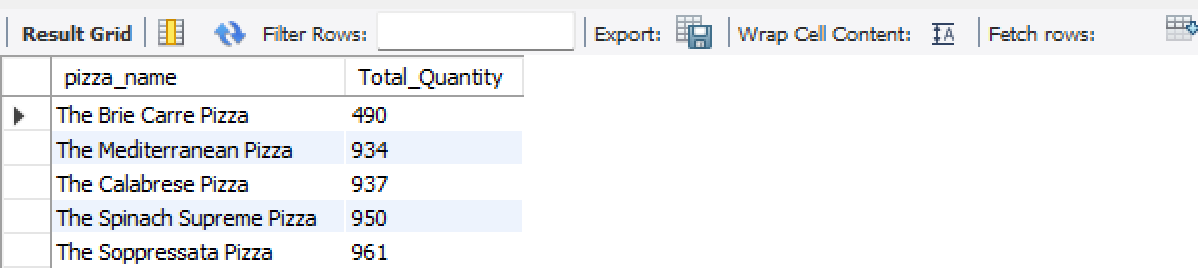
GROUP BY

Pizza\_Name

ORDER BY

Total\_Quantity ASC

LIMIT 5;



14). **Top 5 Pizzas by Orders**: Lists the top 5 pizzas with the most distinct orders.

SELECT

pizza\_name,

COUNT(DISTINCT order\_id) AS Total\_Orders

FROM

pizza.sales

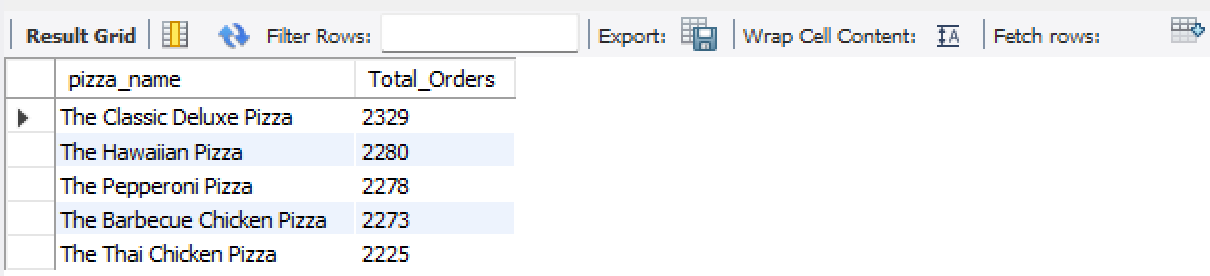
GROUP BY

Pizza\_Name

ORDER BY

Total\_Orders DESC

LIMIT 5;



15). **Bottom 5 Pizzas by Orders**: Lists the 5 pizzas with the fewest distinct 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;

