Pizza Sales SQL Queries

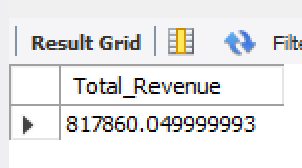
1. KPI’s
2. Total Revenue:

SELECT

SUM(total\_price) AS Total\_Revenue

FROM

pizza\_sales;



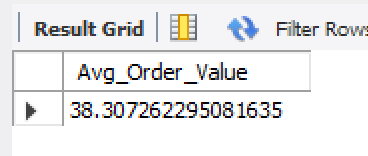
1. Average Order Value:

SELECT

SUM(total\_price) / COUNT(DISTINCT order\_id) AS Avg\_Order\_Value

FROM

pizza\_sales;



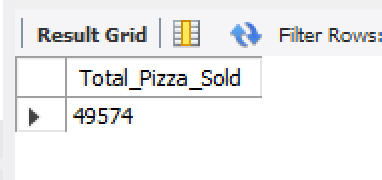
1. Total Pizzas Sold:

SELECT

SUM(quantity) AS Total\_Pizza\_Sold

FROM

pizza\_sales;



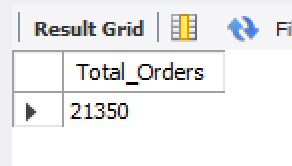
1. Total Orders:

SELECT

COUNT(DISTINCT order\_id) AS Total\_Orders

FROM

pizza\_sales;



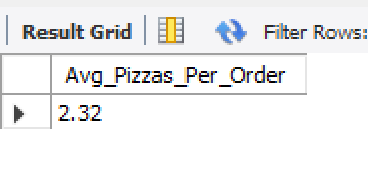
1. Average Pizzas Per Order:

SELECT

CAST(SUM(quantity) / COUNT(DISTINCT order\_id) AS DECIMAL (10 , 2 )) AS Avg\_Pizzas\_Per\_Order

FROM

pizza\_sales;



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\_orders

FROM

pizza\_sales

WHERE

order\_date IS NOT NULL

GROUP BY order\_day

ORDER BY FIELD(order\_day,

'Monday',

'Tuesday',

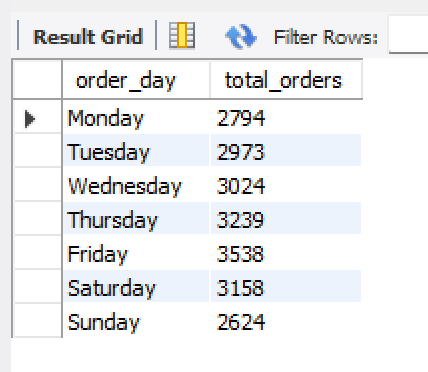
'Wednesday',

'Thursday',

'Friday',

'Saturday',

'Sunday');



1. Monthly Trend for Total Orders:

SELECT

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

COUNT(DISTINCT order\_id) AS Total\_Orders

FROM

pizza\_sales

WHERE

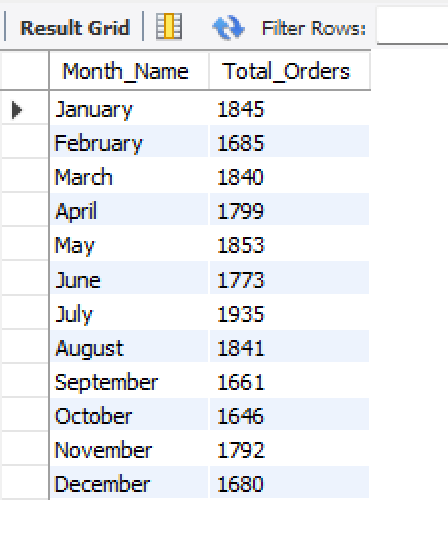
order\_date IS NOT NULL

GROUP BY

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

ORDER BY

Total\_Orders DESC;



1. **% of Sales by Pizza Category**

SELECT

pizza\_category,

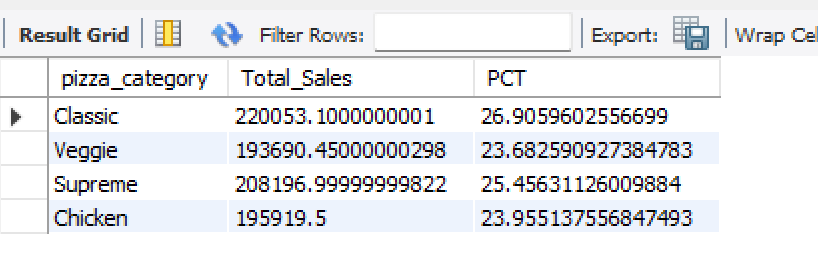
SUM(total\_price) AS Total\_Sales,

SUM(total\_price) \* 100 / NULLIF((SELECT SUM(total\_price) FROM pizza\_sales), 0) AS PCT

FROM

pizza\_sales

GROUP BY pizza\_category;



-- FOR ONE MONTH

SELECT

pizza\_category,

SUM(total\_price) AS Total\_Sales,

SUM(total\_price) \* 100 / NULLIF((SELECT

SUM(total\_price)

FROM

pizza\_sales

WHERE

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

0) AS PCT

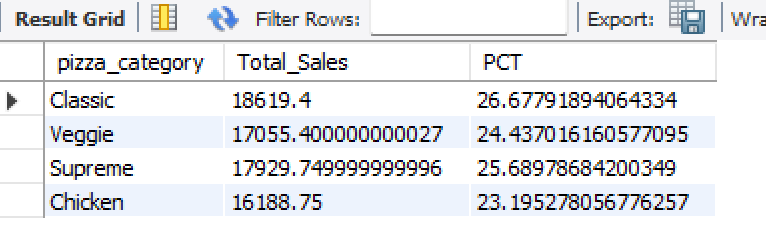
FROM

pizza\_sales

WHERE

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

GROUP BY pizza\_category;



1. % of Sales by Pizza Size

SELECT

pizza\_size,

CAST(SUM(total\_price) AS DECIMAL(10,2)) AS Total\_Sales,

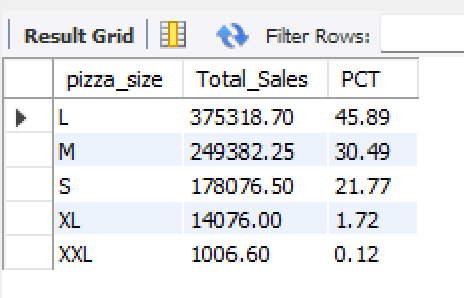
CAST(SUM(total\_price) \* 100 / NULLIF((SELECT SUM(total\_price) FROM pizza\_sales), 0) AS DECIMAL(10, 2)) AS PCT

FROM

pizza\_sales

GROUP BY pizza\_size

ORDER BY PCT DESC;



-- FOR ONE QUARTER

SELECT

pizza\_size,

CAST(SUM(total\_price) AS DECIMAL(10, 2)) AS Total\_Sales,

CAST(SUM(total\_price) \* 100 / NULLIF((SELECT SUM(total\_price) FROM pizza\_sales), 0) AS DECIMAL(10, 2)) AS PCT

FROM

pizza\_sales

WHERE

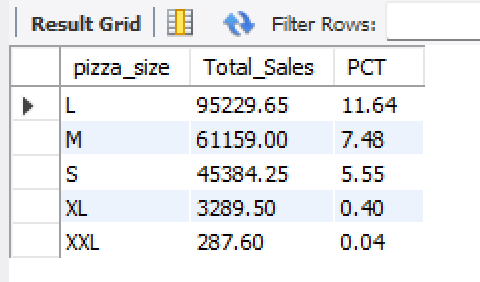
MONTH(STR\_TO\_DATE(order\_date, '%d-%m-%Y')) IN (1, 2, 3) -- Filter for January, February, March

GROUP BY

pizza\_size

ORDER BY

PCT DESC;



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

SELECT

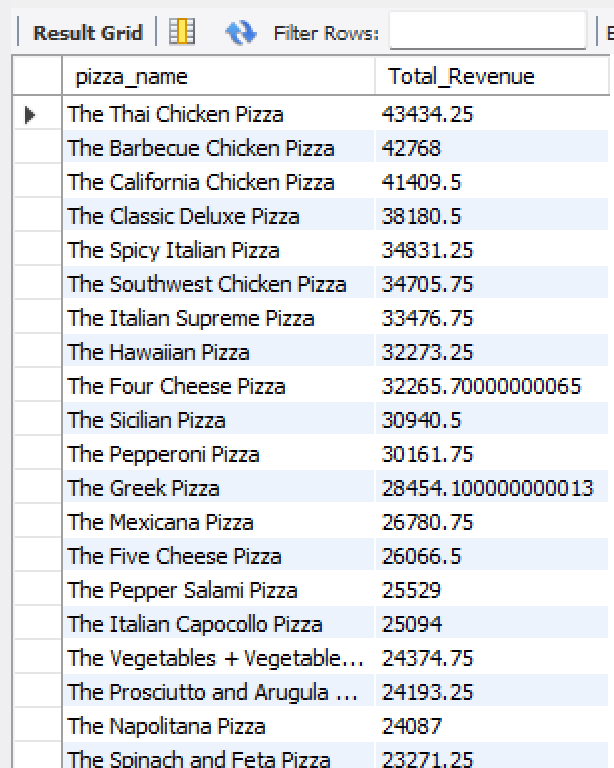
pizza\_name, SUM(total\_price) AS Total\_Revenue

FROM

pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC;



1. **Top 5 Pizzas by Revenue:**

SELECT

pizza\_name,

SUM(total\_price) AS Total\_Revenue

FROM

pizza\_sales

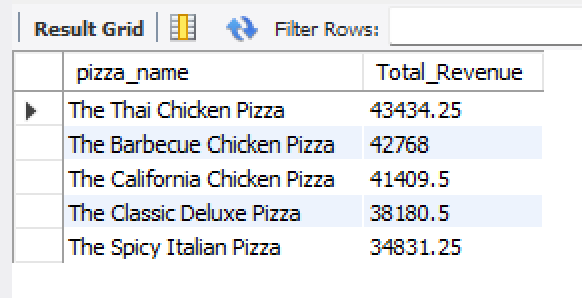
GROUP BY

pizza\_name

ORDER BY

Total\_Revenue DESC

LIMIT 5; -- Limit the results to the top 5



1. Bottom 5 Pizzas by Revenue:

SELECT

pizza\_name,

SUM(total\_price) AS Total\_Revenue

FROM

pizza\_sales

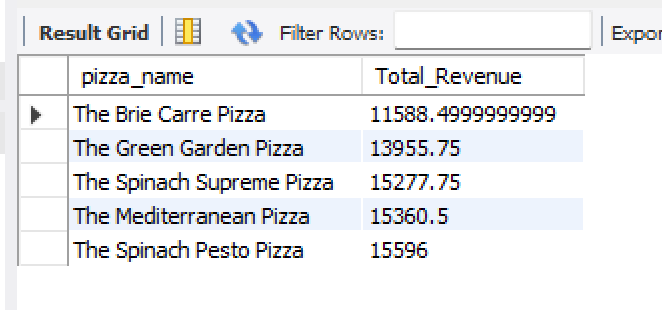
GROUP BY

pizza\_name

ORDER BY

Total\_Revenue ASC -- Sort in ascending order for bottom revenue

LIMIT 5; -- Limit the results to the bottom 5



1. Top 5 Pizzas by Quantity:

SELECT

pizza\_name,

sum(quantity) AS Total\_Quantity

FROM

pizza\_sales

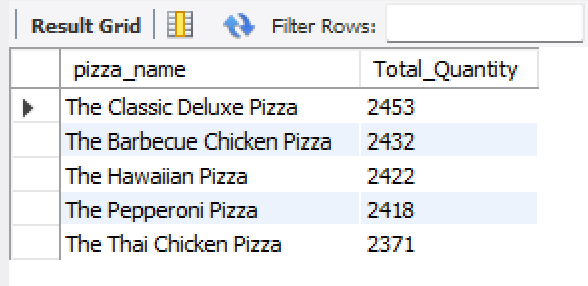
GROUP BY

pizza\_name

ORDER BY

Total\_Quantity DESC

LIMIT 5; -- Limit the results to the top 5



1. Bottom 5 Pizzas by Quantity:

SELECT

pizza\_name,

SUM(quantity) AS Total\_Quantity

FROM

pizza\_sales

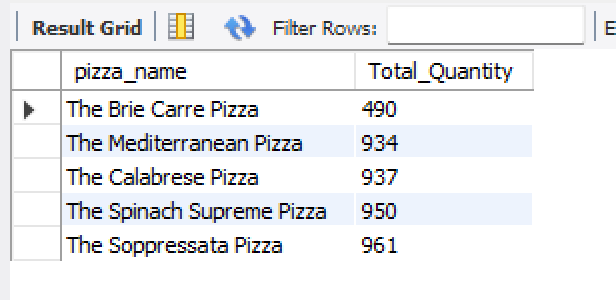
GROUP BY

pizza\_name

ORDER BY

Total\_Quantity ASC -- Sort in ascending order for bottom revenue

LIMIT 5; -- Limit the results to the bottom 5



1. Top 5 Pizzas by Total Orders:

SELECT

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

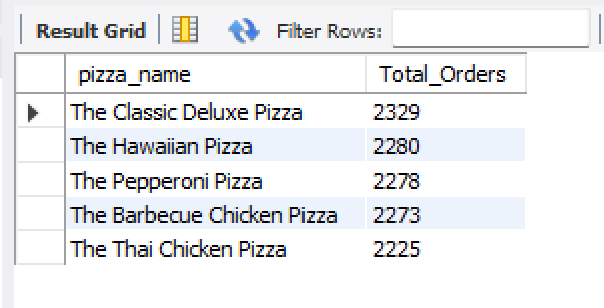
FROM

pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders DESC

LIMIT 5; -- Limit the results to the top 5



1. Bottom 5 Pizzas by Total Orders:

SELECT

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

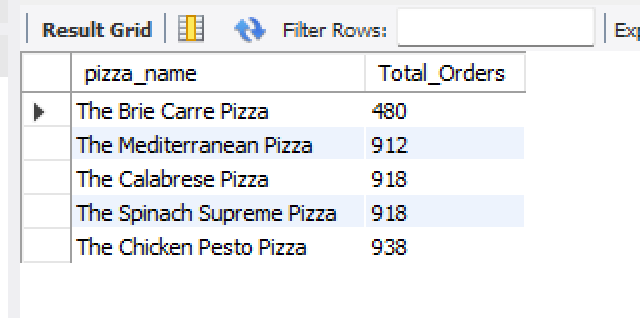
FROM

pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders

LIMIT 5; -- Limit the results to the top 5



-- 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

CAST(SUM(quantity) / COUNT(DISTINCT order\_id) AS DECIMAL(10, 2)) AS Avg\_Pizzas\_Per\_Order

FROM

pizza\_sales;

-- B. Daily Trend for Total Orders:

SELECT

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

COUNT(DISTINCT order\_id) AS total\_orders

FROM

pizza\_sales

WHERE

order\_date IS NOT NULL

GROUP BY

order\_day

ORDER BY

FIELD(order\_day, 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', 'Saturday', 'Sunday');

-- C. Monthly Trend for Total Orders:

SELECT

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

COUNT(DISTINCT order\_id) AS Total\_Orders

FROM

pizza\_sales

WHERE

order\_date IS NOT NULL

GROUP BY

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

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

ORDER BY

Total\_Orders DESC;

-- D. % of Sales by Pizza Category:

SELECT

pizza\_category,

SUM(total\_price) AS Total\_Sales,

SUM(total\_price) \* 100 / NULLIF((SELECT SUM(total\_price) FROM pizza\_sales), 0) AS PCT

FROM

pizza\_sales

GROUP BY

pizza\_category;

-- FOR ONE MONTH:

SELECT

pizza\_category,

SUM(total\_price) AS Total\_Sales,

SUM(total\_price) \* 100 / NULLIF((SELECT

SUM(total\_price)

FROM

pizza\_sales

WHERE

MONTH(STR\_TO\_DATE(order\_date, '%d-%m-%Y')) = 1), 0) AS PCT

FROM

pizza\_sales

WHERE

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

GROUP BY

pizza\_category;

-- E. % of Sales by Pizza Size:

SELECT

pizza\_size,

CAST(SUM(total\_price) AS DECIMAL(10,2)) AS Total\_Sales,

CAST(SUM(total\_price) \* 100 / NULLIF((SELECT SUM(total\_price) FROM pizza\_sales), 0) AS DECIMAL(10, 2)) AS PCT

FROM

pizza\_sales

GROUP BY

pizza\_size

ORDER BY

PCT DESC;

-- FOR ONE QUARTER:

SELECT

pizza\_size,

CAST(SUM(total\_price) AS DECIMAL(10, 2)) AS Total\_Sales,

CAST(SUM(total\_price) \* 100 / NULLIF((SELECT SUM(total\_price) FROM pizza\_sales), 0) AS DECIMAL(10, 2)) AS PCT

FROM

pizza\_sales

WHERE

MONTH(STR\_TO\_DATE(order\_date, '%d-%m-%Y')) IN (1, 2, 3) -- Filter for January, February, March

GROUP BY

pizza\_size

ORDER BY

PCT DESC;

-- F. Total Pizzas Sold by Pizza Category:

SELECT

pizza\_name,

SUM(total\_price) AS Total\_Revenue

FROM

pizza\_sales

GROUP BY

pizza\_name

ORDER BY

Total\_Revenue DESC;

-- 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

LIMIT 5; -- Limit the results to the top 5

-- 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 -- Sort in ascending order for bottom revenue

LIMIT 5; -- Limit the results to the bottom 5

-- I. Top 5 Pizzas by Quantity:

SELECT

pizza\_name,

SUM(quantity) AS Total\_Quantity

FROM

pizza\_sales

GROUP BY

pizza\_name

ORDER BY

Total\_Quantity DESC

LIMIT 5; -- Limit the results to the top 5

-- J. Bottom 5 Pizzas by Quantity:

SELECT

pizza\_name,

SUM(quantity) AS Total\_Quantity

FROM

pizza\_sales

GROUP BY

pizza\_name

ORDER BY

Total\_Quantity ASC -- Sort in ascending order for bottom quantity

LIMIT 5; -- Limit the results to the bottom 5

-- 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; -- Limit the results to the top 5

-- L. Bottom 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 ASC -- Sort in ascending order for bottom orders

LIMIT 5; -- Limit the results to the bottom 5