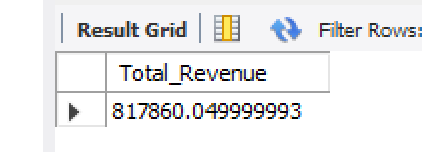
Data analyst portfolio project (Pizza sales analysis)

PIZZA Sales SQL Queries

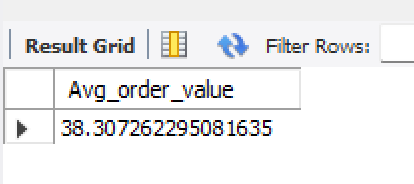
1. KPIs
2. Total Revenue

SELECT sum(total\_price) AS Total\_Revenue FROM projects.pizza\_sales;



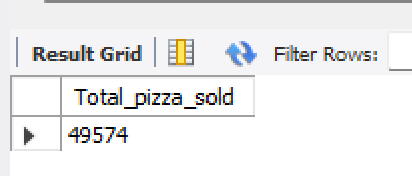
1. Average Order Value

SELECT sum(total\_price)/count(distinct order\_id) AS Avg\_order\_value from projects.pizza\_sales



1. Total Pizza sold

SELECT sum(quantity) AS Total\_pizza\_sold from projects.pizza\_sales;



1. Total orders

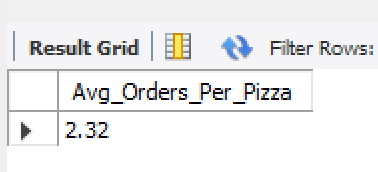
SELECT count(distinct order\_id) AS Total\_orders from projects.pizza\_sales;

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1. Average Pizzas per order

SELECT cast(sum(quantity)/count(distinct order\_id) as decimal (10,2)) from projects.pizza\_sales;



CHARTS REQUIREMENTS

1. Daily Trend For total orders

SET sql\_safe\_updates = 0;

UPDATE pizza\_sales

SET order\_date = STR\_TO\_DATE(order\_date, '%d-%m-%Y') -- assuming format is 'DD-MM-YYYY'

WHERE STR\_TO\_DATE(order\_date, '%d-%m-%Y') IS NOT NULL;

ALTER TABLE pizza\_sales

MODIFY COLUMN order\_date DATE;

SELECT dayname(order\_date) AS Month\_name, count(distinct order\_id) AS Total\_Orders

from projects.pizza\_sales

group by dayname(order\_date)

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1. Monthly Trend For total orders

SELECT monthname(order\_date) AS Month\_name, count(distinct order\_id) AS Total\_orders

from projects.pizza\_sales

group by monthname(order\_date)

ORDER BY Total\_orders DESC

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1. Percentage of sales by Pizza category

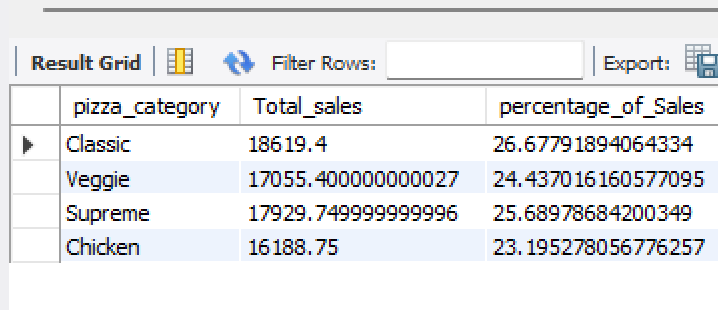
SELECT pizza\_category,sum(total\_price) AS Total\_sales, SUM(total\_price) \*100 /

(SELECT SUM(total\_price) FROM pizza\_sales where month(order\_date) = 1) AS percentage\_of\_Sales

FROM pizza\_sales

where month(order\_date) = 1

Group by pizza\_category



1. Percentage of sales by Pizza size

SELECT pizza\_size, CAST(sum(total\_price) AS DECIMAL (10,2)) AS Total\_sales, CAST(SUM(total\_price) \*100 /

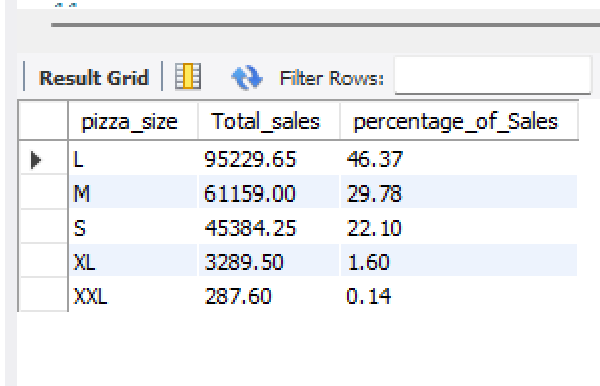
(SELECT SUM(total\_price) FROM pizza\_sales WHERE quarter(order\_date)=1) AS DECIMAL (10,2)) AS percentage\_of\_Sales

FROM pizza\_sales

WHERE quarter(order\_date)=1

Group by pizza\_size

ORDER BY percentage\_of\_Sales DESC



1. Total pizzas sold by pizza category

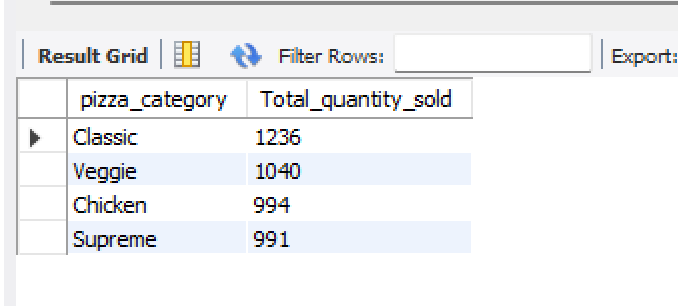
SELECT pizza\_category, sum(quantity) AS Total\_quantity\_sold

from pizza\_sales

where MONTH(order\_date)=3

GROUP BY pizza\_category

order by Total\_quantity\_sold desc



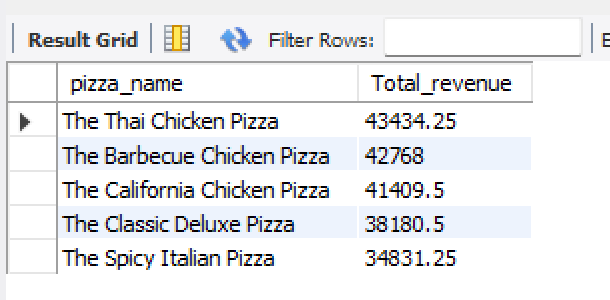
1. Top 5 best sellers by revenue, Total quantity and total orders
2. SELECT pizza\_name, sum(total\_price) AS Total\_revenue

from pizza\_sales

GROUP BY pizza\_name

order by Total\_revenue DESC

LIMIT 5;



1. Quantity

SELECT pizza\_name, sum(quantity) AS Total\_quantity

from pizza\_sales

GROUP BY pizza\_name

order by Total\_quantity desc

LIMIT 5;

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1. 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;

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1. Bottom 5 worst sellers by revenue, Total quantity and total orders

SELECT pizza\_name, sum(total\_price) AS Total\_revenue

from pizza\_sales

GROUP BY pizza\_name

order by Total\_revenue asc

LIMIT 5;

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SELECT pizza\_name, sum(quantity) AS Total\_quantity

from pizza\_sales

GROUP BY pizza\_name

order by Total\_quantity asc

LIMIT 5;

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SELECT pizza\_name, count(distinct order\_id) AS Total\_orders

from pizza\_sales

GROUP BY pizza\_name

order by Total\_orders asc

LIMIT 5;

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