**Pizza Sales SQL Queries**

**1. Some of the KPIs:**

-- 1.1. What is the total number of orders?

SELECT

COUNT(DISTINCT order\_id) AS Total\_Orders

FROM

pizza\_sales

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-- 1.2. What is the total revenue of all pizza orders?

SELECT

ROUND(SUM(total\_price), 2) AS Total\_Revenue

FROM

pizza\_sales

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-- 1.3. What is the average amount spent per order?

SELECT

ROUND(SUM(total\_price) / COUNT(DISTINCT order\_id), 2) AS Avg\_Order\_Price

FROM

pizza\_sales

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-- 1.4. What is the total number of pizzas sold?

SELECT

SUM(quantity) AS Total\_Pizzas\_Sold

FROM

pizza\_sales

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-- 1.5. What is the average number of pizzas sold per order?

SELECT

ROUND(CAST(SUM(quantity) AS float) / CAST(COUNT(DISTINCT order\_id) AS float), 2) AS Avg\_pizzas\_Per\_Order

FROM

pizza\_sales

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-- 2. What is the total order by daily trend?

SELECT

DATENAME(DW, order\_date) AS Day\_Name,

COUNT(DISTINCT order\_id) AS Total\_Orders

FROM

pizza\_sales

GROUP BY

DATENAME(DW, order\_date)

ORDER BY

Total\_Orders DESC;

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-- 3. What is the total order by monthly trend?

SELECT

DATENAME(M, order\_date) AS Month\_Name,

COUNT(DISTINCT order\_id) AS Total\_Orders

FROM

pizza\_sales

GROUP BY

DATENAME(M, order\_date)

ORDER BY

Total\_Orders DESC;

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-- 4. What is the total and percentage of sales by pizza category?

SELECT

pizza\_category,

ROUND(SUM(total\_price), 2) AS Total\_Sales,

ROUND((SUM(total\_price) / (SELECT SUM(total\_price) from pizza\_sales) \* 100), 2) AS PCT\_of\_Sales

FROM

pizza\_sales

GROUP BY

pizza\_category

ORDER BY

Total\_Sales DESC;

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-- 5. What is the total and percentage of sales by pizza size?

SELECT

pizza\_size,

ROUND(SUM(total\_price), 2) AS Total\_Sales,

ROUND((SUM(total\_price) / (SELECT SUM(total\_price) from pizza\_sales) \* 100), 2) AS PCT\_of\_Sales

FROM

pizza\_sales

GROUP BY

pizza\_size

ORDER BY

Total\_Sales DESC;

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-- 6. What is the total and percentage number of pizzas sold by pizza category?

SELECT

pizza\_category,

SUM(quantity) AS Total\_Quantity\_Sold,

ROUND((CAST(SUM(quantity) AS float) / (SELECT SUM(quantity) from pizza\_sales) \* 100), 2) AS PCT\_Quantity\_Sold

FROM

pizza\_sales

GROUP BY

pizza\_category

ORDER BY

Total\_Quantity\_Sold DESC;

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-- 7. What are the highest 5 selling pizzas by total revenue?

SELECT TOP 5

pizza\_name,

ROUND(SUM(total\_price), 2) AS Total\_Revenue

FROM

pizza\_sales

GROUP BY

pizza\_name

ORDER BY

Total\_Revenue DESC;

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-- 8. What are the lowest 5 selling pizzas by total revenue?

SELECT TOP 5

pizza\_name,

ROUND(SUM(total\_price), 2) AS Total\_Revenue

FROM

pizza\_sales

GROUP BY

pizza\_name

ORDER BY

Total\_Revenue ASC;

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-- 9. What are the highest 5 selling pizzas by total quantity?

SELECT TOP 5

pizza\_name,

SUM(quantity) AS Total\_Quantity

FROM

pizza\_sales

GROUP BY

pizza\_name

ORDER BY

Total\_Quantity DESC;

A screenshot of a menu

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-- 10. What are the lowest 5 selling pizzas by total quantity?

SELECT TOP 5

pizza\_name,

SUM(quantity) AS Total\_Quantity

FROM

pizza\_sales

GROUP BY

pizza\_name

ORDER BY

Total\_Quantity ASC;

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-- 11. What are the highest 5 selling pizzas by total orders?

SELECT TOP 5

pizza\_name,

COUNT(DISTINCT order\_id) AS Total\_Orders

FROM

pizza\_sales

GROUP BY

pizza\_name

ORDER BY

Total\_Orders DESC;

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-- 12. What are the lowest 5 selling pizzas by total orders?

SELECT TOP 5

pizza\_name,

COUNT(DISTINCT order\_id) AS Total\_Orders

FROM

pizza\_sales

GROUP BY

pizza\_name

ORDER BY

Total\_Orders ASC;

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-- 13. What is the total sales and percentage by pizza category of 'Classic' regarding pizza size?

SELECT

pizza\_category,

pizza\_size,

ROUND(SUM(total\_price), 2) AS Total\_Sales,

ROUND((SUM(total\_price) / (SELECT SUM(total\_price) from pizza\_sales) \* 100), 2) AS PCT\_of\_Sales

FROM

pizza\_sales

WHERE

pizza\_category = 'Classic'

GROUP BY

pizza\_category,

pizza\_size

ORDER BY

Total\_Sales DESC;

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-- 14. What is the total and percentage of sales by pizza category regarding pizza size?

SELECT

pizza\_category,

pizza\_size,

ROUND(SUM(total\_price), 2) AS Total\_Sales,

ROUND((SUM(total\_price) / (SELECT SUM(total\_price) from pizza\_sales) \* 100), 2) AS PCT\_of\_Sales

FROM

pizza\_sales

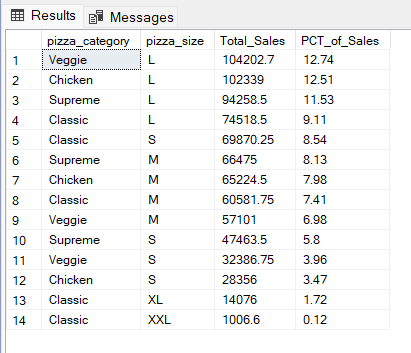
GROUP BY

pizza\_category,

pizza\_size

ORDER BY

Total\_Sales DESC;

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