**PIZZA SALES SQL QUERIES**

1. KPI’s (Key Performance Indicator)
2. Total Revenue:

SELECT SUM(total\_price) AS Total\_Revenue FROM pizza\_sales

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1. Average Order Value:

SELECT SUM(total\_price) / COUNT(DISTINCT order\_id) AS Avg\_Order\_Value FROM pizza\_sales;

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3.Total Pizza Sold:

SELECT SUM(quantity) AS Total\_pizza\_Sold FROM pizza\_sales;

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4.Total Orders:

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

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5. Average Pizzas per Order:

SELECT SUM(quantity) / COUNT(DISTINCT order\_id) As Avg\_Pizzas\_per\_Order FROM pizza\_sales;

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( Because MS show in only digits and we want it in decimal fractions too because the result can be in decimal fractions)

So we will create this query:

SELECT CAST(SUM(quantity) AS DECIMAL(10, 2)) / CAST(COUNT(DISTINCT order\_id) AS DECIMAL(10,2)) As Avg\_Pizzas\_per\_Order FROM pizza\_sales;

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1. CHARTS REQUIREMENT
2. Daily trend for total orders

SELECT DATENAME(DW, order\_date) As Order\_Day, COUNT(DISTINCT order\_id) AS totaL\_orders

FROM pizza\_sales

GROUP BY DATENAME(DW, order\_date);

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1. Hourly trend for total orders

SELECT DATEPART(HOUR, order\_time) AS order\_hours, Count(distinct order\_id) AS total\_orders

FROM pizza\_sales

GROUP BY DATEPART(Hour, order\_time);

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SELECT DATEPART(HOUR, order\_time) AS order\_hours, Count(distinct order\_id) AS total\_orders

FROM pizza\_sales

GROUP BY DATEPART(Hour, order\_time)

ORDER BY DATEPART(Hour, order\_time);

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1. Percentage of sales by pizza category

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

GROUP BY pizza\_category;

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1. Percentage of sales by Pizza size

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

GROUP BY pizza\_size

ORDER BY pizza\_size;

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If I want only for month January, then will add one more clause that is:

SELECT pizza\_size, 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\_size

ORDER BY pizza\_size;

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1. Total pizzas sold by Pizza Category

SELECT pizza\_category, SUM(quantity) AS Total\_pizzas\_sold FROM pizza\_sales

GROUP BY pizza\_category

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1. Top 5 Best Sellers by Total pizzas sold:

SELECT TOP 5 pizza\_name, SUM(quantity) AS Total\_pizzas\_sold FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY SUM(quantity) DESC

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1. Bottom 5 Worst Sellers by Total pizzas sold:

SELECT TOP 5 pizza\_name, SUM(quantity) AS Total\_pizzas\_sold FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY SUM(quantity) ASC

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