**PIZZA SALES SQL QUARIES**

1. **KPI’s**
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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1. Total Pizza Sold:

SELECT SUM(quantity) AS Total\_Pizza\_Sold

FROM pizza\_sales

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1. Total Orders

SELECT COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

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1. Average Pizzas Per Order

SELECT CAST(CAST(SUM(quantity) AS DECIMAL(10,2)) /

CAST(COUNT(DISTINCT order\_id) AS DECIMAL(10,2)) AS DECIMAL(10,2)) AS Avg\_Pizza\_Per\_Order

FROM pizza\_sales

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1. **CHARTS**
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. Monthly Trend for Total Orders:

SELECT DATENAME(MONTH, order\_date) AS Order\_Day, COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

GROUP BY DATENAME(MONTH, 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 PCT

FROM pizza\_sales

WHERE MONTH(order\_date) = 1

GROUP BY pizza\_category

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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 DATEPART(QUARTER, order\_date) = 1) AS DECIMAL (10,2)) AS PCT

FROM pizza\_sales

WHERE DATEPART(QUARTER, order\_date) = 1

GROUP BY pizza\_size

ORDER BY PCT DESC

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1. Total Pizza Sold by Pizza Category:

SELECT pizza\_category, SUM(quantity)

FROM pizza\_sales

GROUP BY pizza\_category

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1. Top 5 Pizza

By Revenue:

SELECT TOP 5 pizza\_name, SUM(total\_price) AS Total\_Revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC

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By 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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By Orders:

SELECT TOP 5 pizza\_name, COUNT(DISTINCT order\_id) AS Total\_Order

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Order DESC

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1. Bottom 5 Pizza

By Revenue:

SELECT TOP 5 pizza\_name, SUM(total\_price) AS Total\_Revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue ASC

A screenshot of a menu

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By 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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By Orders:

SELECT TOP 5 pizza\_name, COUNT(DISTINCT order\_id) AS Total\_Order

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Order ASC

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1. Hourly Trend for 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)

ORDER BY DATEPART(HOUR, order\_time)

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