Pizza SQL Queries

1. KPI’s
   1. Total Revenue

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

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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 pizzas sold

SELECT SUM(quantity) AS Total\_Pizzas\_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 Average\_Pizzas\_Per\_Order FROM pizza\_sales

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1. Daily trend

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

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

SELECT pizza\_category, SUM(total\_price) AS Total\_Sales, SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizza\_sales) AS Percentage\_Of\_Sales

FROM pizza\_sales

GROUP BY pizza\_category

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**NOTES**

WHEN A SPECIFIC MONTH IS NEEDED USE: WHERE MONTH(COLUMN NAME) = 1(JAN), 2(APRIL), ETC

WHEN A SPECIFIC QUARTER IS NEEDED USE: WHERE DATEPART(QUARTER, COLUMN NAME) = 1(QUARTER 1), 2(QUARTER 2) ETC.

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 Per 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) AS DECIMAL(10,2)) AS Percentage\_Of\_Sale\_Per\_Size

FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY Percentage\_Of\_Sale\_Per\_Size DESC

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1. Total Number Of Sales Per Category

SELECT pizza\_category, SUM(quantity) AS Total\_Pizzas\_Sold\_Per\_Category

FROM pizza\_sales

GROUP BY pizza\_category

ORDER BY Total\_Pizzas\_Sold\_Per\_Category DESC

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1. Top 5

SELECT TOP 5 pizza\_name, SUM(quantity) AS Total\_Sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Sold DESC

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1. Bottom 5

SELECT TOP 5 pizza\_name, SUM(quantity) AS Total\_Sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Sold ASC

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