**PIZZA SALES SQL QUERIES**

***KPI’s***

1. Total Revenue:

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

Output:



1. Average Order Value

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

Output:



1. Total Pizzas Sold

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

Output:



1. Total Orders

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

Output:



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\_Pizzas\_per\_order

FROM pizza\_sales

Output:



***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)

Output:

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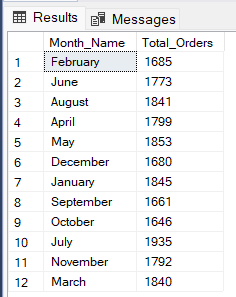
***Monthly Trend for Orders***

SELECT DATENAME(MONTH, order\_date) AS Month\_Name, COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

GROUP BY DATENAME(MONTH, order\_date)

Output:

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***% of Sales by Pizza Category***

SELECT pizza\_category, CAST(SUM(total\_price) AS DECIMAL(10,2)) AS total\_revenue,

CAST(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) from pizza\_sales) AS DECIMAL(10,2)) AS PCT

FROM pizza\_sales

GROUP BY pizza\_category

Output:

****

***% of Sales by Pizza Size***

SELECT pizza\_size, CAST(SUM(total\_price) AS DECIMAL(10,2)) AS total\_revenue,

CAST(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizza\_sales) AS DECIMAL(10,2)) AS PCT

FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY pizza\_size

Output:

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***Total Pizzas Sold by Pizza Category***

SELECT pizza\_category, SUM(quantity) AS Total\_Quantity\_Sold

FROM pizza\_sales

WHERE MONTH(order\_date) = 2

GROUP BY pizza\_category

ORDER BY Total\_Quantity\_Sold DESC

Output:

****

***Top 5 Pizzas 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

Output:

****

***Bottom 5 Pizzas 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

Output:

****

***Top 5 Pizzas by Quantity***

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold DESC

Output:

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***Bottom 5 Pizzas by Quantity***

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold ASC

Output:

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***Top 5 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

Output:

****

***Borrom 5 Pizzas by Total Orders***

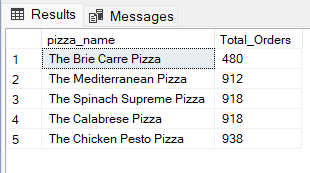
SELECT Top 5 pizza\_name, COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders ASC

Output:

******

We can apply pizza\_category or pizza\_size filters on any of the above queries by using **WHERE** clause. Example:

SELECT Top 5 pizza\_name, COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

WHERE pizza\_category = 'Classic'

GROUP BY pizza\_name

ORDER BY Total\_Orders ASC