**PIZZA SALES SQL QUERIES**

**A. KPI’s**

**1. Total Revenue:**

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



**2. Average Order Value**

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



**3. Total Pizzas Sold**

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



**4. Total Orders**

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



**5. 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



**B. Daily Trend for Total Orders**SELECT DATE\_FORMAT(STR\_TO\_DATE(order\_date, '%d-%m-%Y'), '%W') AS day\_name,

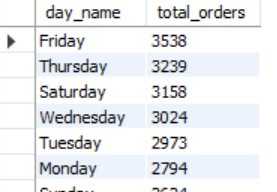
COUNT(DISTINCT order\_id) AS total\_orders

FROM pizza\_sales

group by DATE\_FORMAT(STR\_TO\_DATE(order\_date, '%d-%m-%Y'), '%W')

order by total\_orders desc;

***Output:***



**C. Monthly Trend for Orders**

SELECT MONTHNAME(STR\_TO\_DATE(order\_date, '%d-%m-%Y')) AS month\_name,

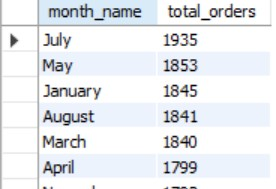
COUNT(DISTINCT order\_id) AS total\_orders

FROM pizza\_sales

Group by MONTHNAME(STR\_TO\_DATE(order\_date, '%d-%m-%Y'))

order by total\_orders desc;

***Output***



**D. % 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***

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**E. % 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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**F. 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***

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**G. Top 5 Pizzas by Revenue**

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC

limit 5;

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**H. Bottom 5 Pizzas by Revenue**

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue ASC

limit 5;

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**I. Top 5 Pizzas by Quantity**

SELECT pizza\_name, SUM(quantity) AS Total\_quantity

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_quantity desc

limit 5;

***Output***

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**J. Bottom 5 Pizzas by Quantity**

SELECT pizza\_name, SUM(quantity) AS Total\_quantity

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_quantity Asc

limit 5;

***Output***

****

**K. Top 5 Pizzas by Total Orders**

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders DESC

limit 5;

****

**L. Bottom 5 Pizzas by Total Orders**

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders Asc

limit 5;

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***NOTE***

If you want to apply the pizza\_category or pizza\_size filters to the above queries you can use WHERE clause. Follow some of below examples

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