**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 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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**C. 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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**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 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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**H. 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

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**I. 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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**J. 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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**K. 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

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**L. Bottom 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

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