**PIZZA SALES SQL QUERIES**

**A. KPI’s**

**1. Total Revenue:**

SELECT SUM(total\_price) AS Total\_Revenue FROM [pizza\_sales (1)]



**2. Average Order Value**

SELECT (SUM(total\_price) / COUNT(DISTINCT order\_id)) AS Avg\_order\_Value FROM [pizza\_sales (1)]



**3. Total Pizzas Sold**

SELECT SUM(quantity) AS Total\_pizza\_sold FROM [pizza\_sales (1)]



**4. Total Orders**

SELECT COUNT(DISTINCT order\_id) AS Total\_Orders FROM [pizza\_sales (1)]



**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 (1)]



**B. Daily Trend for Total Orders**SELECT DATENAME(DW, order\_date) AS order\_day, COUNT(DISTINCT order\_id) AS total\_orders

FROM [pizza\_sales (1)]

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 (1)]

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 (1)]) AS DECIMAL(10,2)) AS PCT

FROM [pizza\_sales (1)]

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 (1)]) AS DECIMAL(10,2)) AS PCT

FROM [pizza\_sales (1)]

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 (1)]

GROUP BY pizza\_category

***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 (1)]

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 (1)]

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 (1)]

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 (1)]

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 (1)]

GROUP BY pizza\_name

ORDER BY Total\_Orders DESC

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

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

FROM [pizza\_sales (1)]

GROUP BY pizza\_name

ORDER BY Total\_Orders ASC

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