**PIZZA SALES SQL QUERIES**

**A. KPI’s**

**1. Total Revenue:**

SELECT SUM([total\_price]) AS 'Total\_Revenue'

FROM pizza\_sales;

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**2. Average Order Value**

SELECT SUM([total\_price]) / COUNT(DISTINCT([order\_id])) AS 'Average\_Order\_Value'

FROM pizza\_sales



**3. Total Pizzas Sold**

SELECT SUM([quantity]) AS 'Total\_pizza\_sold'

FROM [dbo].[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 'Average\_Pizz\_pe\_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 [dbo].[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]) \* 100.0 /

(SELECT SUM([total\_price]) FROM [dbo].[pizza\_sales]) AS DECIMAL(10, 2)) AS 'Percentage of Sale by Category'

FROM [dbo].[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 'Percentage of Sale by Pizza Size'

FROM [dbo].[pizza\_sales]

GROUP BY [pizza\_size]

ORDER BY [pizza\_size] ASC;

***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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