**PIZZA SALES SQL QUERIES**

**1. KPI’s**

**a) Total Revenue:**

***Querry:***

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

***Output:***



**b) Average Order Value**

***Querry:***

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

***Output:***



**c) Total Pizzas Sold**

***Querry:***

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

***Output:***



**d) Total Orders**

***Querry:***

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

***Output:***



**e) Average Pizzas Per Order**

***Querry:***

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:***



**2. Daily Trend for Total Orders**

***Querry:***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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**3. Monthly Trend for Orders**

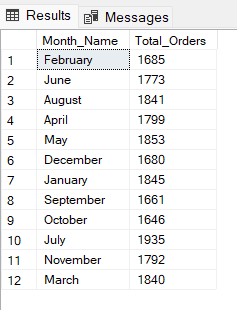
***Querry:***

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:***

****

**4. % of Sales by Pizza Category**

***Querry:***

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:***

****

**5. % of Sales by Pizza Size**

***Querry:***

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:***

****

**6. Total Pizzas Sold by Pizza Category**

***Querry:***

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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**7. Top 5 Pizzas by Revenue**

***Querry:***

SELECT Top 5 pizza\_name, SUM(total\_price) AS Total\_Revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC

***Output:***

****

**8. Bottom 5 Pizzas by Revenue**

***Querry:***

SELECT Top 5 pizza\_name, SUM(total\_price) AS Total\_Revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue ASC

***Output:***

****

**9. Top 5 Pizzas by Quantity**

***Querry:***

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:***

****

**10. Bottom 5 Pizzas by Quantity**

***Querry:***

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

***Querry:***

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:***

****

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

***Querry:***

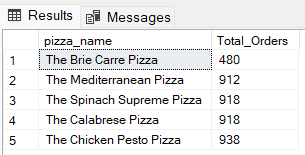
SELECT Top 5 pizza\_name, COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders ASC

***Output:***

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