**PIZZA SALES SQL QUERIES**

**A. Basic Outputs**

**1. Total Revenue:**

SELECT SUM(total\_price) AS Total\_Revenue

FROM dbo.pizza\_sales;

***Output:***



**2. Average Order Value:**

SELECT SUM(total\_price)/COUNT(DISTINCT order\_id) AS Average\_Total\_Revenue

FROM dbo.pizza\_sales;

***Output:***

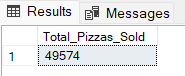


**3. Total Pizzas Sold**

SELECT SUM(quantity) AS Total\_Pizzas\_Sold

FROM dbo.pizza\_sales;

***Output:***

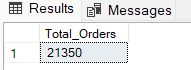


**4. Total Orders**

SELECT COUNT(DISTINCT order\_id) AS Total\_Orders

FROM dbo.pizza\_sales;

***Output:***



**5. Average Pizzas Per Order**

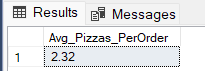
SELECT CAST(CAST(SUM(quantity) AS DECIMAL(10,2)) /

CAST(COUNT(DISTINCT order\_id) AS DECIMAL(10,2)) AS DECIMAL(10,2))

AS Avg\_Pizzas\_PerOrder

FROM dbo.pizza\_sales;

***Output:***



**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,

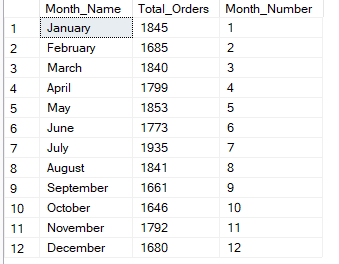
DATEPART(MONTH, order\_date) AS Month\_Number

FROM dbo.pizza\_sales

GROUP BY DATENAME(MONTH, order\_date), DATEPART(MONTH, order\_date)

ORDER BY Month\_Number;

***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 dbo.pizza\_sales

GROUP BY pizza\_category

***Output***

****

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

SELECT pizza\_size, CAST(SUM(total\_price) AS DECIMAL(10,2)) as total\_revenue,

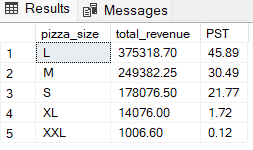
CAST(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) from pizza\_sales) AS DECIMAL(10,2)) AS PST

FROM dbo.pizza\_sales

GROUP BY pizza\_size

ORDER BY pizza\_size

***Output***

****

**F. Total Pizzas Sold by Pizza Category In Febraury**

SELECT pizza\_category, SUM(quantity) as Total\_Quantity\_Sold

FROM dbo.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

***Output***

****

**H. Bottom 5 Pizzas by Revenue**

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

FROM dbo.pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue ASC

***Output***

****

**I. Top 5 Pizzas by Quantity**

SELECT Top 5 pizza\_name, SUM(quantity) AS Total\_Pizza\_Sold

FROM dbo.pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold DESC

***Output***

****

**J. Bottom 5 Pizzas by Quantity**

SELECT TOP 5 pizza\_name, SUM(quantity) AS Total\_Pizza\_Sold

FROM dbo.pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold ASC

***Output***

****

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

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

FROM dbo.pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders DESC

***Output***

****

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

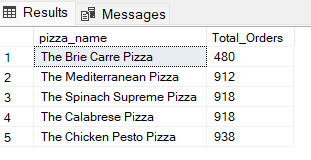
SELECT Top 5 pizza\_name, COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders ASC

***Output***

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