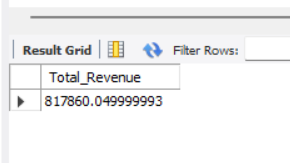
**SQL QUERIES FOR PIZZA SALES REPORT**

A.KPI

**1. Total Revenue:**

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

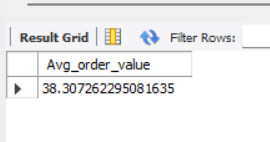
OUTPUT



**2.Average Order Value:**

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

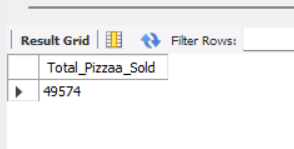
OUTPUT



**3. Total Pizzas Sold:**

SELECT SUM(quantity) AS Total\_Pizzaa\_Sold FROM pizza\_sales;

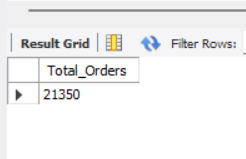
OUTPUT



**4. Total Order:**

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

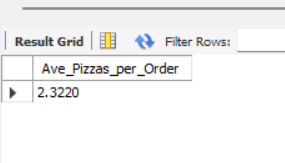
OUTPUT



**5. Average Pizzas per Order:**

SELECT SUM(quantity) / COUNT(DISTINCT order\_id) AS Ave\_Pizzas\_per\_Order FROM pizza\_sales;

OUTPUT



**A. Daily trends 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



**B. Monthly trend for total 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



**C. Percentage of sales by Pizza cCtegory:**

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



**D. Percentage 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



**E.Total Pizza 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



**F. Top 5 Pizza 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

****

**G. Bottom 5 Pizza 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

OUTPUT

****

**H. Top 5 Pizza by Quantities:**

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

****

**I. Bottom 5 Pizza by Quantities:**

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

****

**J.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

OUTPUT

****

**K. 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

******