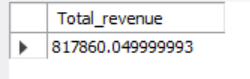
**PIZZA SALES SQL QUERIES**

**A. KPI’s**

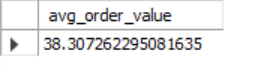
**1. Total Revenue:**

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



2. Find the average order value

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



**3. Total Pizzas Sold**

SELECT SUM(quantity) AS Total\_pizza\_sold FROM 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 Avg\_Pizzas\_per\_order

FROM pizza\_sales;

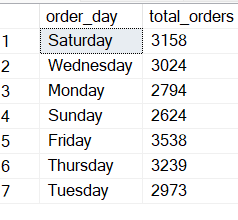


**B. Daily Trend for Total Orders**SELECT DATENAME(DW, order\_date) AS order\_day, COUNT(DISTINCT order\_id) AS total\_orders

FROM pizza\_sales

GROUP BY DATENAME(DW, order\_date)

***Output:***



**C. Monthly Trend for Orders**

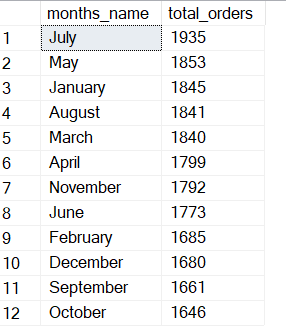
select DATENAME(Month,order\_date) as months\_name, COUNT(DISTINCT order\_id) as total\_orders

from pizza\_sales

group by DATENAME(Month,order\_date)

order by total\_orders desc;

***Output:***



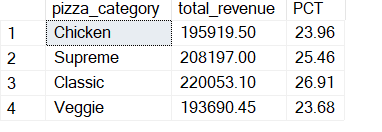
D.Percentage of sales by pizza category

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 pizza\_sales

GROUP BY pizza\_category;



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

select pizza\_size, cast(sum(total\_price) as decimal(10,2)) as total\_revenue,

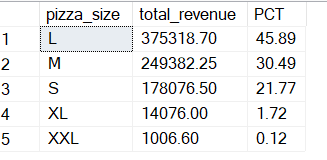
cast(sum(total\_price) \* 100 /(SELECT SUM(total\_price) from pizza\_sales) AS DECIMAL(10,2)) AS PCT

FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY pizza\_size;

Output



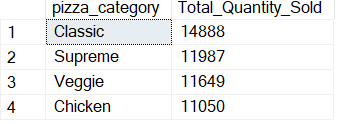
**F. Total Pizzas Sold by Pizza Category**

select pizza\_category, sum(quantity) as total\_quantity\_sold from pizza\_sales

group by pizza\_category

order by total\_quantity\_sold desc;

output



**G. Top 5 Pizzas by Revenue**

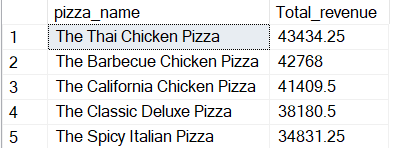
select top 5 pizza\_name, sum(total\_price) as Total\_revenue

from pizza\_sales

group by pizza\_name

order by Total\_revenue desc;

Output



**H. Bottom 5 Pizzas by Revenue**

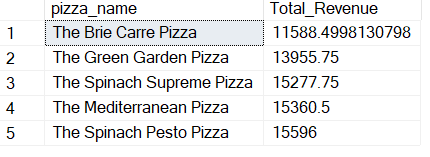
select top 5 pizza\_name, sum(total\_price) as Total\_revenue

from pizza\_sales

group by pizza\_name

order by Total\_revenue asc;

output



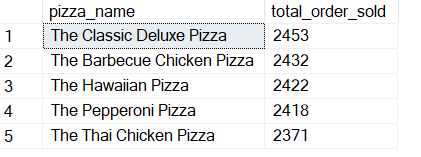
**I. Top 5 Pizzas by Quantity**

select top 5 pizza\_name, sum(quantity) as total\_order\_sold

from pizza\_sales

group by pizza\_name

order by total\_order\_sold desc;



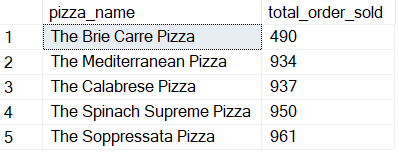
**J. Bottom 5 Pizzas by Quantity**

select top 5 pizza\_name, sum(quantity) as total\_order\_sold

from pizza\_sales

group by pizza\_name

order by total\_order\_sold asc;



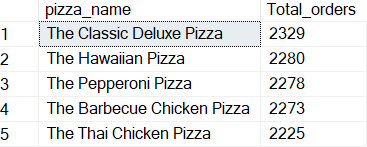
**K. Top 5 Pizzas by Total Orders**

select top 5 pizza\_name,count(distinct order\_id) as Total\_orders

from pizza\_sales

group by pizza\_name

order by Total\_orders desc;



**L. Borrom 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;

