Nguyễn Văn Thống

**1. Tổng doanh thu**

SELECT SUM(total\_price)

AS Total\_Revenue

FROM pizza\_sales;



**2. Trung bình giá trên mỗi đơn đặt**

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

FROM pizza\_sales



**3. tổng pizza bán được**

SELECT SUM(quantity) AS Total\_pizza\_sold

FROM pizza\_sales



**4. tổng đơn đặt**

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

FROM pizza\_sales



**5. Trung bình số lượng pizza trên mỗi lần đặt**

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



6.Tổng đơn order mỗi ngàySELECT DAYNAME(order\_date) AS order\_day, COUNT(DISTINCT order\_id) AS total\_orders

FROM pizza\_sales

GROUP BY 1;

***Output:***

****

7.Tổng đơn order mỗi tháng

select MONTHNAME(order\_date) as Month\_Name,

COUNT(DISTINCT order\_id) as Total\_Orders

from pizza\_sales

GROUP BY DATENAME(MONTH, order\_date)***;***

****

**8. Tổng doanh thu và tỷ trọng của từng loại pizza**

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

****

**9. Tổng doanh thu và tỷ trọng của từng loại kích cỡ pizza**

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

****

**10. Tổng số lượng bán ra của từng loại pizza**

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

FROM pizza\_sales

GROUP BY pizza\_category

ORDER BY Total\_Quantity\_Sold DESC

****

**11. TOP 5 loại pizza có doanh thu cao nhất**

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC

****

**12. TOP 5 loại pizza có doanh thu thấp nhất**

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue ASC

****

**13. TOP 5 loại pizza có số lượng bán cao nhất**

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***

****

**14. TOP 5 loại pizza có số lượng bán thấp nhất**

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***

****

**15. TOP 5 loại pizza được order nhiều nhất**

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders DESC

****

**16. TOP 5 loại pizza được order ít nhất**

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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