**SQL QUERIES**

**1. Total Revenue:**

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



**2. 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\_sold\_pizza FROM pizza\_sales;



**4. Total Orders**

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



**5. Average Pizzas Per Order**

SELECT CAST(SUM(quantity)ASDECIMAL(10,2))/

CAST(COUNT(DISTINCTorder\_id)ASDECIMAL(10,2))

AS Avg\_Pizzas\_per\_order

FROM pizza\_sales;



**6.Daily trend for total order Monthly trend for total order**SELECT to\_char(order\_date,’Day’)AS order\_day,COUNT(DISTINCT order\_id)AS total\_orders

FROM pizza\_sales

GROUP BY to\_char(order\_date,’Day’);

***Output:***

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**7.Monthly trend for total order**

Select To\_char(order\_date,’month’)as Month\_Name,COUNT(DISTINCT order\_id)as Total\_Orders

from pizza\_sales

GROUP BY To\_char(order\_date,’month’);

****

**8. 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;

***Output***

****

**9. 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***

****

**10. 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***

****

**11. Top 5 Pizzas by Revenue**

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC limit 5;

****

**12. Bottom 5 Pizzas by Revenue**

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue limit 5;

****

**13. Top 5 Pizzas by Quantity**

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold DESC limit 5;

***Output***

****

**14. Bottom 5 Pizzas by Quanitity**

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

FROM pizza\_sales

GROUPBY pizza\_name

ORDERBY Total\_Pizza\_Sold limit 5;

***Output***

****

**15. Top 5 Pizzas by Total orders**

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

FROM pizza\_sales

GROUPBY pizza\_name

ORDERBY Total\_Orders DESC

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**16. Bottom 5 Pizzas by Total orders**

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

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders Limit 5;

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