**PIZZA SALES SQL QUERIES**

SELECT \* FROM pizza\_sales

**A)KPIs REQUIREMENT**

1):Total Rebvenue (The sum of total price of all orders.)

Select round(sum(total\_price),2) as Total\_Revenue

from pizza\_sales;

output Total\_Revenue = 817860.05

2): Average Order Value: (The average amount spent per order.

calculated by dividing the total revenue by the total number of orders.)

select round(sum(total\_price) / count(distinct order\_id) ,2) as Average\_Order\_Value

from pizza\_sales;

output Average\_Order\_Value = 38.31

3): Total Pizza Sold:

( The Sum of the quantity of all pizzas sold)

select round(sum(quantity),2) as Total\_Pizza\_Sold

from pizza\_sales;

Output Total\_pizza\_Sold = 49574

4):Total Orders:

(The total number of orders placed.)

select count( distinct order\_id) as Total\_Orders

from pizza\_sales

Output Total\_Orders = 21350

5): Average Pizzas Per Order:

The average number of pizzas sold per orders, calculated by dividing

the total number of pizzas sold by the total number of orders.

select (cast (cast(sum(quantity) as Decimal(10,2))/

cast(count(distinct order\_id) as decimal(10,2)) as decimal(10,2))) AS Average\_Pizzas\_Per\_Order

from pizza\_sales

Output Average\_Pizzas\_Per\_Order = 2.32;

**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)

sort

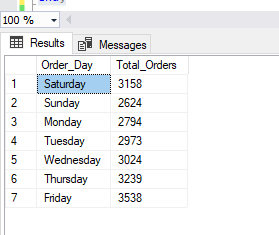
select DATENAME( DW , order\_date) As Order\_Day , Count(distinct order\_id) as Total\_Orders

from pizza\_sales

group by datename(DW, order\_date) , datepart(DW, order\_date)

order by datepart(DW, order\_date)

**OUTPUT:**

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**C)Monthly Trend For Total Orders**

SELECT DATENAME(MONTH, order\_date) AS order\_month,

COUNT(DISTINCT order\_id) AS Total\_Orders

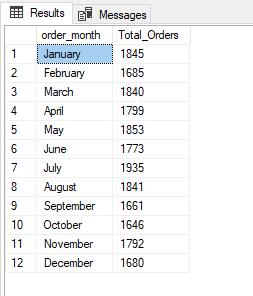
FROM pizza\_sales

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

ORDER BY DATEPART(MONTH, order\_date)

**OUTPUT:**

;



**D) Percentage of Sales By Pizza Category:**

SELECT pizza\_category,

CAST(SUM(total\_price) AS DECIMAL(10, 2)) AS total\_revenue,

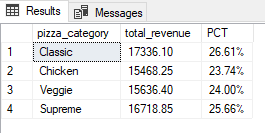
CONCAT(CAST((SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizza\_sales where month(order\_date) = 2)) AS DECIMAL(10, 2)) ,'%') AS PCT

FROM pizza\_sales

where month(order\_date) = 2

GROUP BY pizza\_category;

**OUTPUT:**



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

select pizza\_size,

cast(sum(total\_price) as decimal(10,2)) as Total\_Sales ,

concat(cast(sum(total\_price) \* 100 / (Select sum(total\_price) from pizza\_sales where month(order\_date) = 2) as decimal(10,2)) , '%') AS PCT

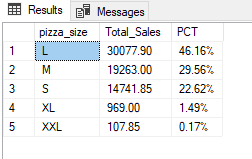
From pizza\_sales

where month(order\_date) = 2

group by pizza\_size

order by PCT Desc ;

**OUTPUT:**

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**F)Total Pizzas 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:

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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:

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**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:

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**I)Top 5 Pizzas by Quantity**

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:

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**J) Bottom 5 Pizzas by Quantity**

select top 5 pizza\_name , sum(quantity) as Total\_Pizza\_Sold

from pizza\_sales

group by pizza\_name

order by Total\_Pizza\_Sold

OUTPUT:

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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

OUTPUT:

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**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

OUTPUT:

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