**PIZZA SALES SQL QUERIES**

**1.Total revenue:**

select SUM(total\_price) as total\_revenue from pizza\_sales;



**2.Total pizza sold**

select SUM(quantity) as Total\_pizza\_sold from pizza\_sales;



**3.  Average order value**

select SUM(total\_price) / COUNT(DISTINCT order\_id) as avg\_ord\_val from pizza\_sales;



**4.total order**

select count(DISTINCT order\_id) as total\_order from pizza\_sales;



**5. avg\_pizza\_per\_order**

select cast(sum(quantity) as decimal (12,2))/cast(count(distinct order\_id) as decimal (12 , 2)) as avg\_pizza\_per\_order from pizza\_sales;

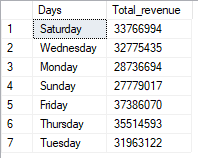


**6.daily trend for total order**

select DATENAME(DW , order\_date) as Days ,sum(distinct order\_id) as Total\_revenue

from pizza\_sales

group by DATENAME(DW , order\_date);

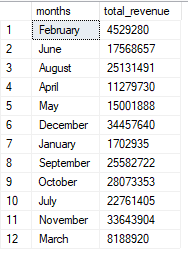


**7.monthly trend for total order**

select DATENAME(MONTH , order\_date) as months ,sum(distinct order\_id) as total\_revenue

from pizza\_sales

group by DATENAME(MONTH , order\_date);

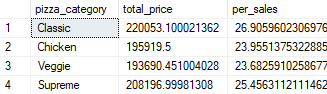


**8.percentage of sales by pizza category**

select pizza\_category , sum(total\_price) as total\_price , sum(total\_price)\*100 / (select sum(total\_price) from pizza\_sales) as per\_sales

from pizza\_sales

group by pizza\_category;



Note :if we want to filter based on month , week , quarter then use where clause . for ex

select pizza\_category , sum(total\_price) as total\_price , sum(total\_price)\*100 / (select sum(total\_price) from pizza\_sales) as per\_sales

from pizza\_sales

where MONTH (order\_date) = 4 # 4 means April data

group by pizza\_category;

above code shows only percentage of April month out off all the month

select pizza\_category , sum(total\_price) as total\_price , sum(total\_price)\*100 / (select sum(total\_price) from pizza\_sales where MONTH (order\_date) = 4) as per\_sales

from pizza\_sales

where MONTH (order\_date) = 4

group by pizza\_category;

above code shows percentage of April month

also we can round off percentage using cast

select pizza\_category , cast(sum(total\_price) as decimal(12,2)) as total\_price , cast(sum(total\_price)\*100 /(select sum(total\_price) from pizza\_sales where MONTH (order\_date) = 4) as decimal (12 , 2)) as per\_sales

from pizza\_sales

where MONTH (order\_date) = 4

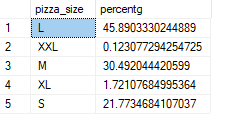
group by pizza\_category;

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

select pizza\_size , sum(total\_price) \*100 / (select sum(total\_price) from pizza\_sales) as percentg

from pizza\_sales

group by pizza\_size;



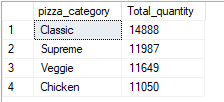
10. **Total Pizzas Sold by Pizza Category**

select pizza\_category ,sum(quantity) as Total\_quantity

from pizza\_sales

group by pizza\_category

order by Total\_quantity DESC;



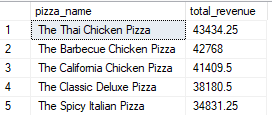
11.top 5 pizza by revenue

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

from pizza\_sales

group by pizza\_name

order by total\_revenue desc;



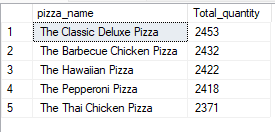
12.top 5 pizza by quantity

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

from pizza\_sales

group by pizza\_name

order by Total\_quantity DESC;



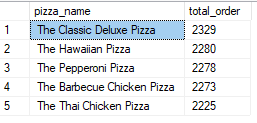
13.top 5 pizza by total\_order

select top 5 pizza\_name , count(distinct order\_id) as total\_order

from pizza\_sales

group by pizza\_name

order by total\_order desc;



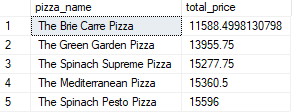
12.Bottom 5 pizza by revenue

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

from pizza\_sales

group by pizza\_name

order by total\_price ASC;



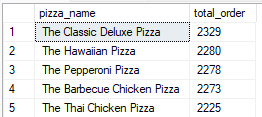
13.Bottom 5 pizza by quantity

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

from pizza\_sales

group by pizza\_name

order by total\_quantity ASC;



14.Botom 5 pizza by total\_order

select top 5 pizza\_name , count(distinct order\_id) as total\_order

from pizza\_sales

group by pizza\_name

order by total\_order ASC;

