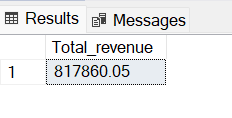
**PIZZA SALES SQL QUERIES :**

1. **Total Revenue :**

select round(sum(total\_price),2) as Total\_revenue from pizza\_sales;

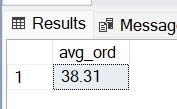
output :



1. **Average Order value :**

select round(sum(total\_price)/count(distinct order\_id),2) as avg\_ord from pizza\_sales;

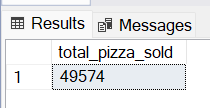
output :



1. **Total pizza sold :**

select sum(quantity) as total\_pizza\_sold from pizza\_sales;

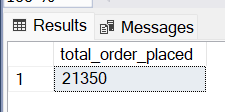
output :



1. Total order Placed:

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

output :

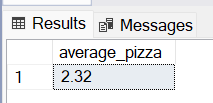


Average pizza per order :

select cast(cast(sum(quantity) as decimal(10,2))/cast(count(distinct order\_id) as decimal(10,2)) as decimal(10,2)) as average\_pizza

from pizza\_sales;

output :



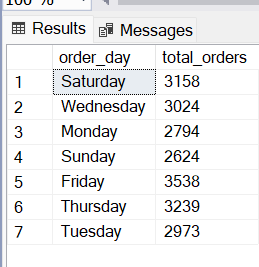
- charts requirements :

- Daily trend for total orders: to see day wise how many order is receiving.

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 :

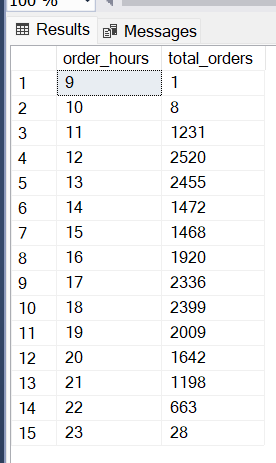


- Hourly trend for total orders

select DATEPART(hour, order\_time) as order\_hours, count(distinct order\_id) as total\_orders

from pizza\_sales group by DATEPART(HOUR,order\_time) order by DATEPART(HOUR,order\_time);

output:



**-- Percentage of total sale:**

select pizza\_category,sum(total\_price) as total\_sales, sum(total\_price)\*100/ (select sum(total\_price) from pizza\_sales) as percentage\_total\_sale\_percat

from pizza\_sales

group by pizza\_category;

-- if you wnat to apply the month, quarter, week filters to the above queries you can use WHERE clause. Follow some of below example.

select pizza\_category,sum(total\_price) as total\_sales, sum(total\_price)\*100/ (select sum(total\_price) from pizza\_sales where MONTH(order\_date) = 1) as percentage\_total\_sale\_percat

from pizza\_sales

where MONTH(order\_date) = 1

group by pizza\_category;

-- here MONTH(order\_date) = 1 indicates that the output is for the month of january, MONTH(order\_date) = 4 indicates output for monthof april.

select pizza\_category,sum(total\_price) as total\_sales, sum(total\_price)\*100/ (select sum(total\_price) from pizza\_sales where DATEPART(quarter, order\_date) = 1

) as percentage\_total\_sale\_percat

from pizza\_sales

where DATEPART(quarter, order\_date) = 1

group by pizza\_category;

-- Here DATEPART(quarter, order\_date) = 1 indicates that the output is for the quarter 1. DATEPART(quarter, order\_date) = 3 indicates that the output is for the quarter 3.

- **Percentage of sales by Pizza size:**

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

(select sum(total\_price) from pizza\_sales) as decimal(10,2)) as percentage\_total\_sale\_percat

from pizza\_sales

group by pizza\_size order by percentage\_total\_sale\_percat desc;

-- **to chk quarter values :**

select pizza\_size,cast(sum(total\_price) as decimal(10,2)) as total\_sales, cast(sum(total\_price)\*100/

(select sum(total\_price) from pizza\_sales where DATEPART(quarter,order\_date)=1) as decimal(10,2))

as percentage\_total\_sale\_percat

from pizza\_sales

where DATEPART(quarter,order\_date)=1

group by pizza\_size order by percentage\_total\_sale\_percat desc;

**-- Total Pizzas sold by pizza category:**

select pizza\_category, sum(quantity) as total\_pizza\_quantitiy from pizza\_sales group by pizza\_category;

**-- Top 5 Best Sellers by Pizza Sold:**

select top 5 pizza\_name, sum(quantity) as total\_sold from pizza\_sales group by pizza\_name order by sum(quantity) desc;

**-- bottam 5 :**

select top 5 pizza\_name, sum(quantity) as total\_sold from pizza\_sales group by pizza\_name order by sum(quantity) asc;