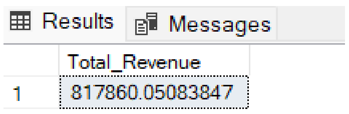
PIZZA Query Documentation

a. Total Revenue :

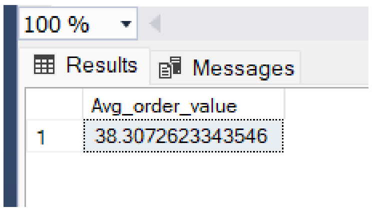
```
select sum(total_price) as Total_Revenue from pizza_sales;
```



```
Results  Messages
   Total_Revenue
1  817860.05083847
```

b. Average order Value :

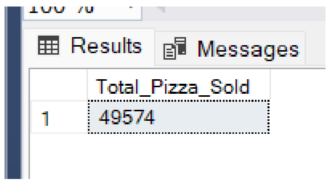
```
select sum(total_price) / count(distinct(order_id)) as Avg_order_value from
pizza_sales;
```



```
100 %
Results  Messages
   Avg_order_value
1  38.3072623343546
```

c. Total Quantity Sold :

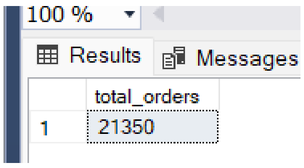
```
select sum(quantity) as Total_Pizza_Sold from pizza_sales;
```



```
Results  Messages
   Total_Pizza_Sold
1  49574
```

d. Total Orders Sold :

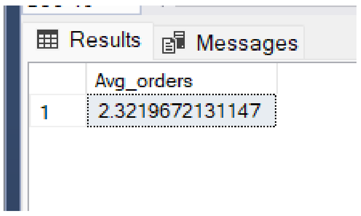
```
select count(distinct order_id) as total_orders from pizza_sales;
```



```
100 %
Results  Messages
   total_orders
1  21350
```

e. Avg Order Sold :

```
select cast( sum( quantity) as decimal(10,2)) /  cast(count(distinct(order_id)) as
decimal(10,2)) as Avg_orders from pizza_sales;
```

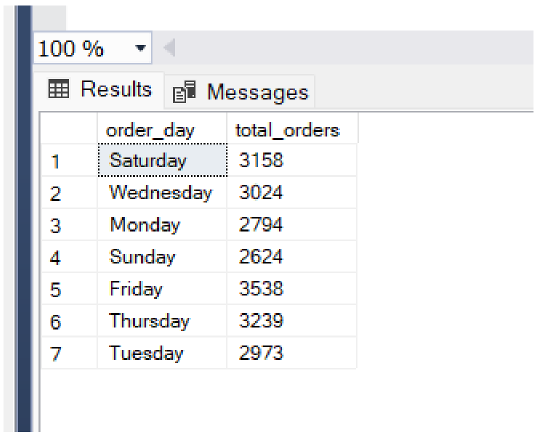


```
   Avg_orders
1  2.3219672131147
```

2. Total Orders wise Trends

a. Daily Trend of Orders :

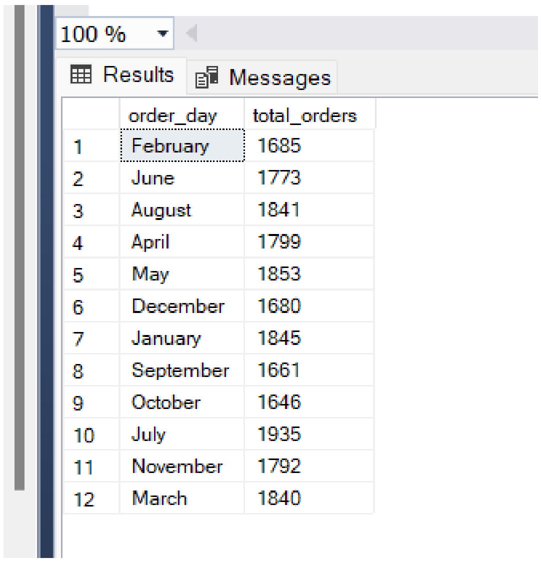
```
select DATENAME(DW, order_date) as order_day, count(distinct(order_id)) as
total_orders
from pizza_sales
group by DATENAME(DW, order_date);
```



```
   order_day  total_orders
1  Saturday   3158
2  Wednesday  3024
3  Monday     2794
4  Sunday     2624
5  Friday     3538
6  Thursday   3239
7  Tuesday    2973
```

b. Monthly Trend of Orders :

```
select DATENAME(MM, order_date) as order_day, count(distinct(order_id)) as
total_orders
from pizza_sales
group by DATENAME(MM, order_date);
```


100 %

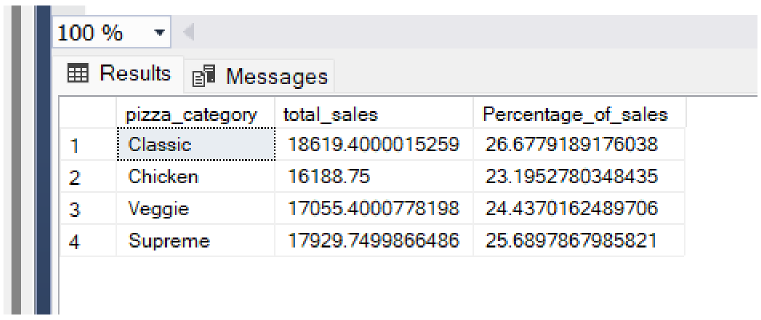
Results | Messages

	order_day	total_orders
1	February	1685
2	June	1773
3	August	1841
4	April	1799
5	May	1853
6	December	1680
7	January	1845
8	September	1661
9	October	1646
10	July	1935
11	November	1792
12	March	1840

c. Percentage of sales by Pizza Category :

-- Here we are figuring out the PCT for the pizza category and also added another condition of month wise 1 as for January.

```
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_of_sales
from pizza_sales
where MONTH(order_date) = 1
group by pizza_category;
```

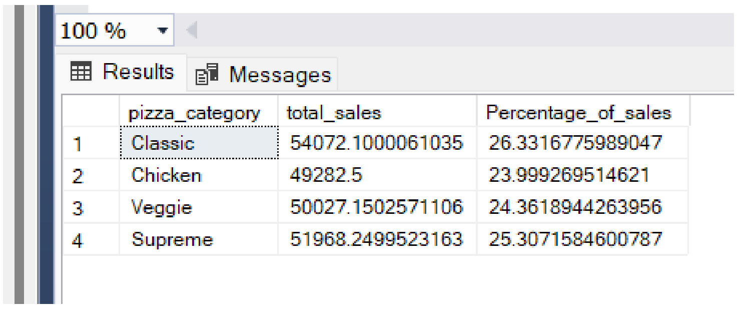

100 %

Results | Messages

	pizza_category	total_sales	Percentage_of_sales
1	Classic	18619.4000015259	26.6779189176038
2	Chicken	16188.75	23.1952780348435
3	Veggie	17055.4000778198	24.4370162489706
4	Supreme	17929.7499866486	25.6897867985821

-- Here we are figuring out the PCT for the pizza category and also added another condition of quarter wise 1.

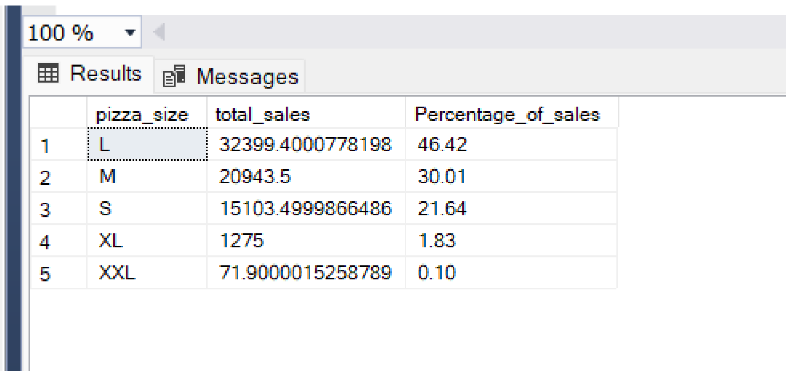
```
select pizza_category,sum(total_price) as total_sales, sum(total_price) * 100 /
(Select sum(total_price) from  pizza_sales where DATEPART(QUARTER, order_date) = 1) as
Percentage_of_sales
from pizza_sales
where DATEPART(QUARTER, order_date) = 1
group by pizza_category;
```



	pizza_category	total_sales	Percentage_of_sales
1	Classic	54072.1000061035	26.3316775989047
2	Chicken	49282.5	23.999269514621
3	Veggie	50027.1502571106	24.3618944263956
4	Supreme	51968.2499523163	25.3071584600787

d. Percentage of sales by Pizza Size :

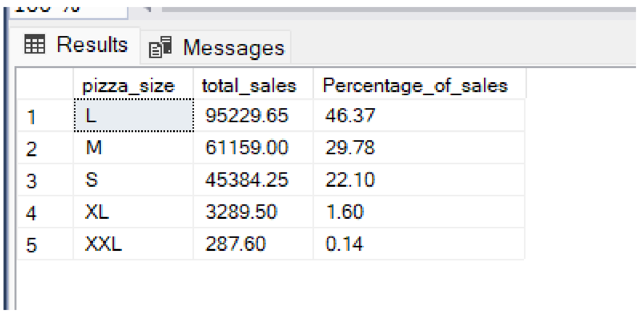
```
select pizza_size,sum(total_price) as total_sales, cast( sum(total_price) * 100 /
(Select sum(total_price) from  pizza_sales where MONTH(order_date) = 1) as
decimal(10,2)) as Percentage_of_sales
from pizza_sales
where MONTH(order_date) = 1
group by pizza_size
order by pizza_size;
```



	pizza_size	total_sales	Percentage_of_sales
1	L	32399.4000778198	46.42
2	M	20943.5	30.01
3	S	15103.4999866486	21.64
4	XL	1275	1.83
5	XXL	71.9000015258789	0.10

-- Quarter Wise of Pizza Size Sales

```
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_of_sales
from pizza_sales
where Datepart(quarter, order_date) = 1
group by pizza_size
order by pizza_size;
```

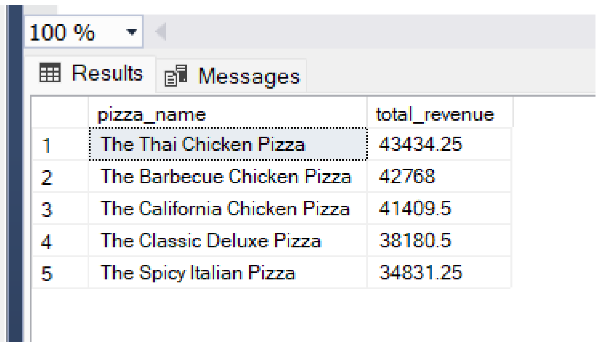


Results Messages

	pizza_size	total_sales	Percentage_of_sales
1	L	95229.65	46.37
2	M	61159.00	29.78
3	S	45384.25	22.10
4	XL	3289.50	1.60
5	XXL	287.60	0.14

Top 5 Best Sellers by Revenue, Total Quantity and Total Orders :

```
select TOP 5 pizza_name, sum(total_price) as total_revenue from pizza_sales
group by pizza_name
order by total_revenue desc;
```

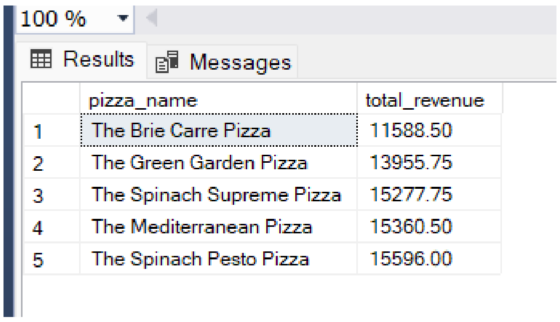


100 %

Results Messages

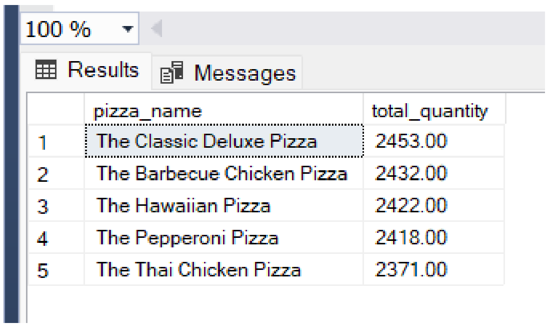
	pizza_name	total_revenue
1	The Thai Chicken Pizza	43434.25
2	The Barbecue Chicken Pizza	42768
3	The California Chicken Pizza	41409.5
4	The Classic Deluxe Pizza	38180.5
5	The Spicy Italian Pizza	34831.25

```
-- Bottom 5 Pizza

select TOP 5 pizza_name, cast(sum(total_price) as decimal(10,2)) as total_revenue
from pizza_sales
group by pizza_name
order by total_revenue;
```



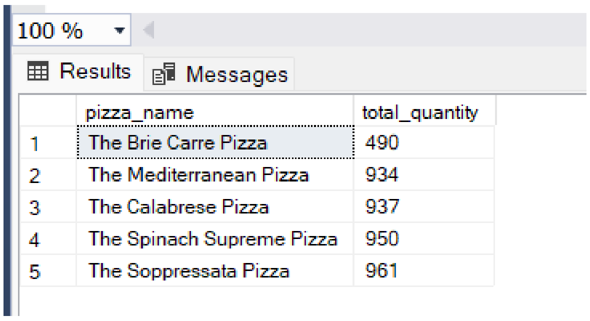
	pizza_name	total_revenue
1	The Brie Carre Pizza	11588.50
2	The Green Garden Pizza	13955.75
3	The Spinach Supreme Pizza	15277.75
4	The Mediterranean Pizza	15360.50
5	The Spinach Pesto Pizza	15596.00

```
-- 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;
```



	pizza_name	total_quantity
1	The Classic Deluxe Pizza	2453.00
2	The Barbecue Chicken Pizza	2432.00
3	The Hawaiian Pizza	2422.00
4	The Pepperoni Pizza	2418.00
5	The Thai Chicken Pizza	2371.00

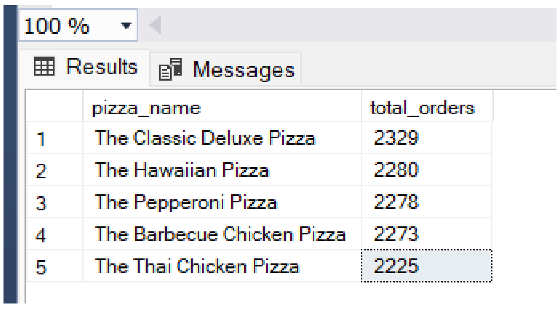
```
-- Bottom 5 Pizza By quantity

select TOP 5 pizza_name, sum(quantity) as total_quantity  from pizza_sales
group by pizza_name
order by total_quantity;
```



	pizza_name	total_quantity
1	The Brie Carre Pizza	490
2	The Mediterranean Pizza	934
3	The Calabrese Pizza	937
4	The Spinach Supreme Pizza	950
5	The Soppressata Pizza	961

-- Top 5 best sellers

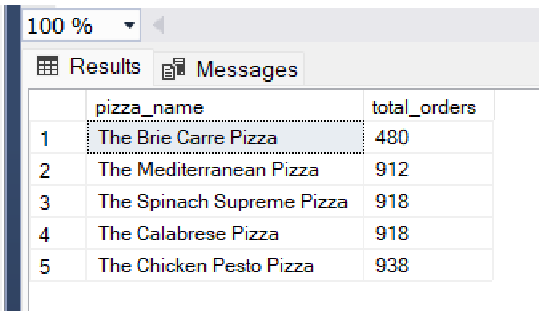
```
select TOP 5 pizza_name, count(distinct(order_id)) as total_orders  from pizza_sales
group by pizza_name
order by total_orders desc;
```



	pizza_name	total_orders
1	The Classic Deluxe Pizza	2329
2	The Hawaiian Pizza	2280
3	The Pepperoni Pizza	2278
4	The Barbecue Chicken Pizza	2273
5	The Thai Chicken Pizza	2225

-- Worst 5 Pizza

```
select TOP 5 pizza_name, count(distinct(order_id)) as total_orders  from pizza_sales
group by pizza_name
order by total_orders;
```



	pizza_name	total_orders
1	The Brie Carre Pizza	480
2	The Mediterranean Pizza	912
3	The Spinach Supreme Pizza	918
4	The Calabrese Pizza	918
5	The Chicken Pesto Pizza	938