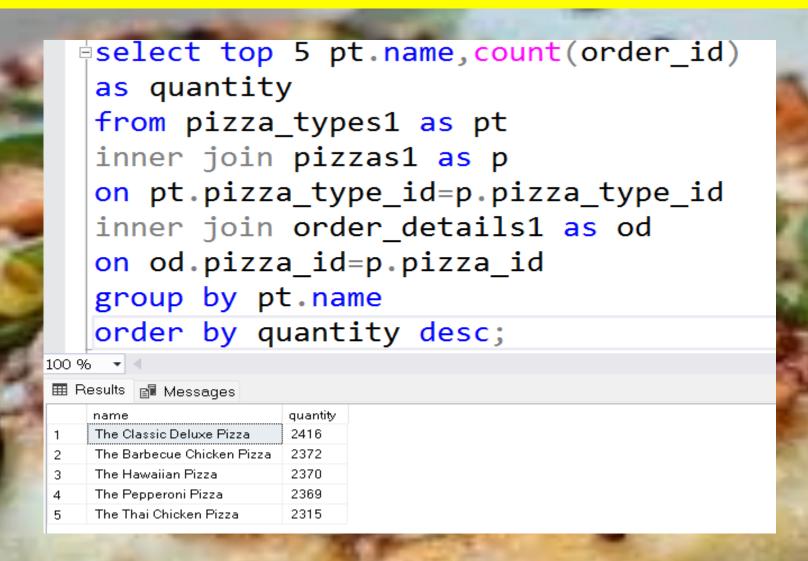


## 1.Retrieve the total number of orders placed



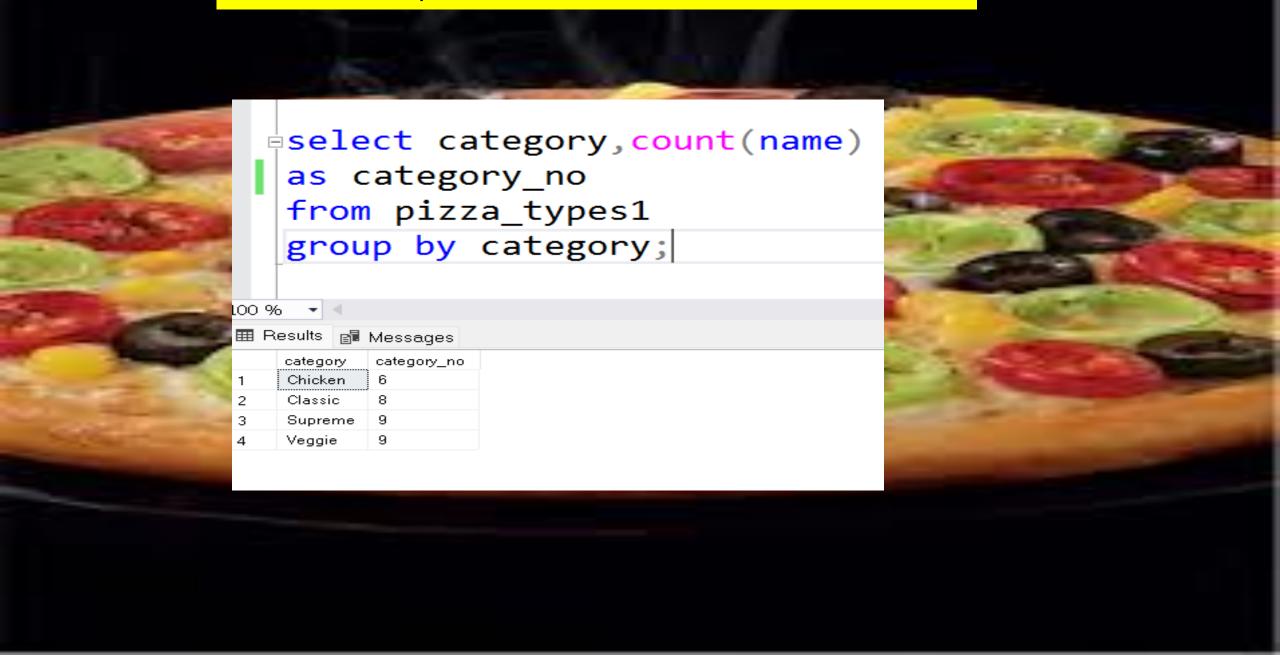
2.List the top 5 most ordered pizza types along with their quantities.



3. Join the necessary tables to find the total quantity of each pizza category ordered

```
|select category,count(od.order_id) as quantity
  from pizza_types1 as pt
  inner join pizzas1 as p
  on pt.pizza_type_id=p.pizza_type_id
  inner join order_details1 as od
  on od.pizza_id=p.pizza_id
  inner join orders1 as o
  on o.order_id=od.order_id
  group by pt.category
   order by quantity desc;
100 %
III Results 👔 Messages
       quantity
  category
  Classic
        14579
   Supreme
       11777
   Vegaie
        11449
   Chicken
        10815
```

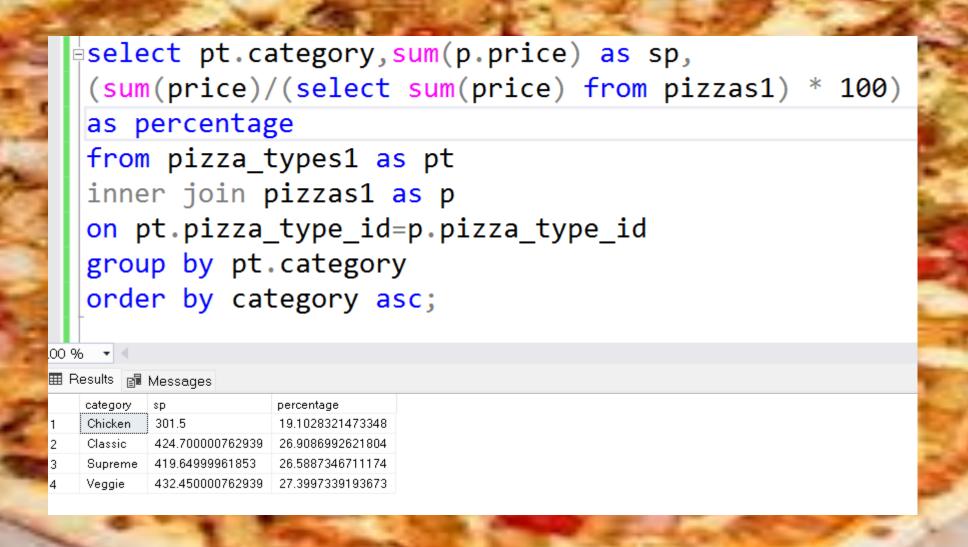
4. Join relevant tables to find the category-wise distribution of pizzas



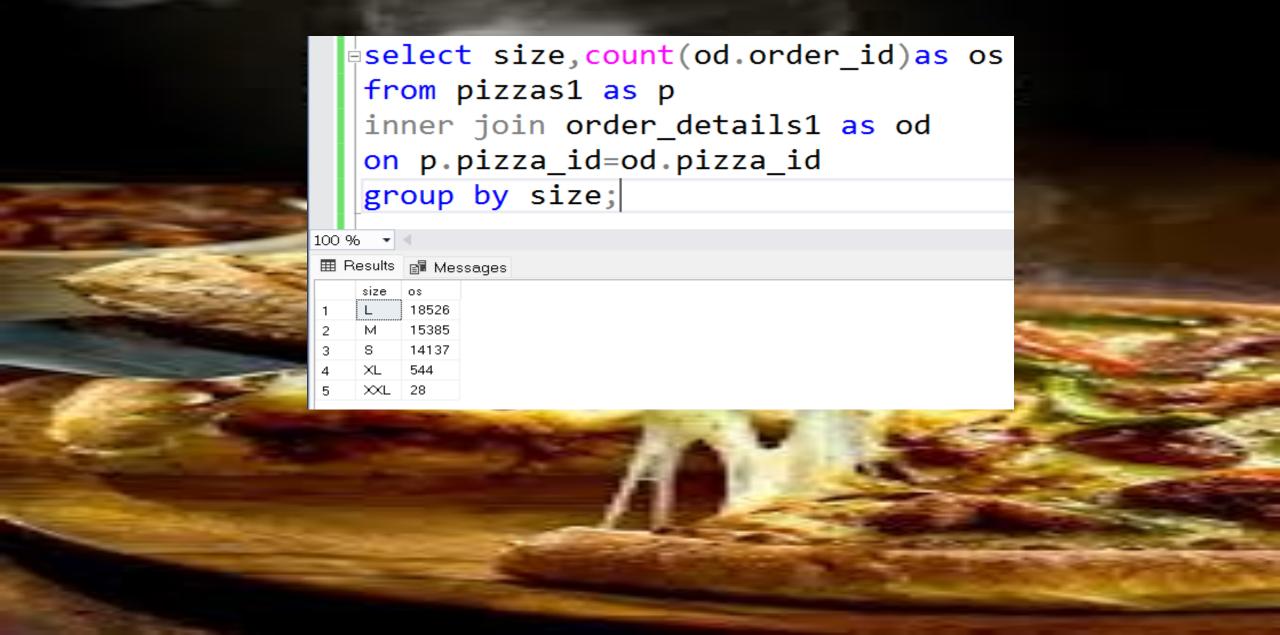
5. Group the orders by date and calculate the average number of pizzas ordered per day

```
⊨with result as(
  select count(o.order_id) as order_each_day from pizza_types1 as pt
  inner join pizzas1 as p
  on p.pizza type id=pt.pizza type id
  inner join order details1 as od
  on od.pizza_id=p.pizza_id
  inner join orders1 as o
  on od.order id=o.order id
  group by o.date)
  select avg(order_each_day) as avg_per_day from result;
🖽 Results 📲 Messages
  avg_per_day
  135
```

6.Calculate the percentage contribution of each pizza type to total revenue analyze the cumulative revenue generated over time



## 7. Identify the most common pizza size ordered





9.Calculate the total revenue generated from pizza sales

```
select sum(p.price) as total_pizza_sale
from pizzas1 as p
inner join order_details1 as od
on od.pizza_id=p.pizza_id;

Results Messages

total_pizza_sale
1 801944.700809479
```

Followed

had me to

## 10. Determine the distribution of orders by hour of the day

```
|select (o1.time) as order_time,
    count(o1.time) as order1_count
    from orders1 o1
    group by time
    order by order_time;
100 %
III Results 📳 Messages
                  order1_count
    order_time
    09:52:21.0000000
    10:25:19.0000000
    10:34:34.0000000 1
    10:43:04.0000000
    10:50:46.0000000 1
    10:52:26.0000000 | 1
    10:54:03.0000000
    10:54:15.0000000
    10:54:55.0000000
10
    11:02:20.0000000
11
     11:10:35.0000000
12
    11:15:07.0000000
13
     11:15:13.0000000
14
     11:15:19.0000000
15
     11:15:34.0000000
16
    11:15:42.0000000
                  1
    11:15:43.0000000
17
                  1
18
     11:15:48.0000000
                   3
19
     11:15:53.0000000
     11:15:56 0000000
```