

Which country has the largest number of customers?

```
select Country, count(*) as number_customers from Customers group by Country order by number_customers desc;
```

Who are the customers in the USA and how many orders each customer has purchased?

```
select Orders.CustomerId, count(*) as num_orders from Orders join (select CustomerId, CompanyName Country from Customers where Country='USA') as USAcustomer on USAcustomer.CustomerId = Orders.CustomerID group by Orders.CustomerID order by num_orders desc ;
```

Which are the top 10 companies having the largest number of orders?

```
select Orders.CustomerId, CompanyName, Country, count(*) as num_orders from Orders join (select CustomerId, CompanyName, Country from Customers) as newcustomers on newcustomers.CustomerId = Orders.CustomerID group by Orders.CustomerID order by num_orders desc limit 10 ;
```

Which are the top 10 companies having the largest number of orders above the average unit price?

```
select Customers.CompanyName as CompanyName,
sum_order from Customers join
(select Orders.CustomerID as CustomerId,
count(Orders.OrderId) as sum_order
from Orders join
(select OrderId from OrderDetails,
(select avg(UnitPrice) as average from OrderDetails)
where OrderDetails.UnitPrice > average) as above_avg
on Orders.OrderId = above_avg.OrderId
group by CustomerId) as new_above_avg
on Customers.CustomerId=new_above_avg.CustomerId
order by sum_order desc
limit 10;
```

Disbitribution of Product Category of the Company with the largest number of orders purchased?

```
select Categories.CategoryName as CategoryName,
count(*) as sum_category
from Products join Categories on
Products.CategoryID=Categories.CategoryID join
(select topOrders.CustomerId as CustomerId,
OrderDetails.OrderId as OrderId,
OrderDetails.ProductId as ProductId
from OrderDetails join
(select * from Orders join
(select CustomerId
from Customers
where Customers.CompanyName='Save-a-lot Markets')
as topcustomer
on Orders.CustomerID = topcustomer.CustomerId) as topOrders
on OrderDetails.OrderID = topOrders.OrderId) as save_alot
on Products.ProductID = save_alot.ProductId
group by CategoryName
order by sum_category desc;
```