**Which county 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;