

```
CREATE VIEW OrderDetailsJOINOrders1 AS
select  Orders.OrderId, ProductID, UnitPrice, Quantity, Discount,
ShipCountry
from OrderDetails, Orders
where OrderDetails.OrderID = Orders.OrderId;
```

```
CREATE VIEW ProductsJOINCategory AS
select Categories.CategoryID, CategoryName, ProductID, ProductName
from Categories, Products
where Categories.CategoryID = Products.CategoryID;
```

# Company's Revenue by Product Category

```
select CategoryName, SUM (UnitPrice * Quantity - Discount) AS total_revenue
from ProductsJOINCategory, OrderDetailsJOINOrders1
where  ProductsJOINCategory.ProductID =
OrderDetailsJOINOrders1.ProductID
group by CategoryName
order by total_revenue DESC
```

# Company's Revenue by Geography of Customer Location

```
select ShipCountry, SUM (UnitPrice * Quantity - Discount) AS total_revenue
from ProductsJOINCategory, OrderDetailsJOINOrders1
where  ProductsJOINCategory.ProductID =
OrderDetailsJOINOrders1.ProductID
group by ShipCountry
order by total_revenue DESC
```

# Most Profitable Product by Category

```
select  CategoryName, ProductName, max(revenue) from (select ProductName,
CategoryName, SUM(UnitPrice * Quantity - Discount) AS revenue
from ProductsJOINCategory, OrderDetailsJOINOrders1
where  ProductsJOINCategory.ProductID =
OrderDetailsJOINOrders1.ProductID
group by ProductName, CategoryName)
group by CategoryName
order by revenue DESC
```

# Most Profitable Product by Geography

```
select  ShipCountry, ProductName, max(revenue) from (select ProductName,
ShipCountry, SUM(UnitPrice * Quantity - Discount) AS revenue
from ProductsJOINCategory, OrderDetailsJOINOrders1
where  ProductsJOINCategory.ProductID =
OrderDetailsJOINOrders1.ProductID
group by ProductName, ShipCountry)
group by ShipCountry
order by revenue DESC
```

# Less Profitable Product by category

```
select CategoryName, ProductName, min(revenue) from (select ProductName,
```

```
CategoryName,SUM(UnitPrice * Quantity - Discount) AS revenue
from ProductsJOINCategory, OrderDetailsJOINOrders1
where ProductsJOINCategory.ProductID =
OrderDetailsJOINOrders1.ProductID
group by ProductName,CategoryName)
group by CategoryName
order by revenue DESC
```

# Less Profitable Product by Geography

```
select ShipCountry,ProductName, min(revenue) from (select ProductName,
ShipCountry,SUM(UnitPrice * Quantity - Discount) AS revenue
from ProductsJOINCategory, OrderDetailsJOINOrders1
where ProductsJOINCategory.ProductID =
OrderDetailsJOINOrders1.ProductID
group by ProductName,ShipCountry)
group by ShipCountry
order by revenue DESC
```