

Redgate Community Circle SSRS Class Week 4 Assignment

1. See if you can replicate the three reports created during the video. Here's the query:

```
SELECT YEAR(SOH.OrderDate) AS OrderYear, Cust.CustomerID,  
SUM(SOH.TotalDue) AS Sales,  
Ter.TerritoryID, Ter.Name AS TerritoryName, s.Name AS Storename  
FROM Sales.SalesOrderHeader AS SOH  
INNER JOIN Sales.SalesTerritory AS Ter ON SOH.TerritoryID = Ter.TerritoryID  
INNER JOIN Sales.Customer AS Cust ON Cust.CustomerID = SOH.CustomerID  
INNER JOIN Sales.Store AS S ON s.BusinessEntityID = Cust.StoreID  
GROUP BY Cust.CustomerID, Ter.TerritoryID, Ter.Name,  
YEAR(OrderDate), S.Name;
```

2. Create a matrix report that uses the query from Question 1. Instead of pivoting on OrderYear, Pivot on Territory Name. Add OrderYear as a Row instead.
3. Create a report in the default grouping style that groups on Category and then Subcategory. The Detail row should have Product ID, Product Name, Color, and List Price. Here's the query:

```
SELECT Prod.ProductID, Prod.Name, ISNULL(Prod.Color,'N/A') as Color, Prod.ListPrice, Cat.Name AS Category,  
Sub.Name AS SubCategory  
FROM Production.Product AS Prod  
JOIN Production.ProductSubcategory AS Sub  
    ON Prod.ProductSubcategoryID = Sub.ProductSubcategoryID  
JOIN Production.ProductCategory AS Cat  
    ON Sub.ProductCategoryID = Cat.ProductCategoryID  
WHERE ListPrice > 0;
```