

Redgate Community Circle SSRS Class Week 3 Assignment

Create a new project for Week 3. Be sure to set up shared data sources and embedded datasets. Add formatting and make sure that the report will print properly. At this point, grouping, subtotals, and interactive features are not used – well, unless you want to work ahead!

Do NOT use the report wizard this week.

Create the following reports in the project:

1. See if you can create the report I demonstrated in class. You will end up with four datasets and three parameters. The report featured:

A list of products

```
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;
```

Filter by color

```
SELECT DISTINCT ISNULL(Color, 'N/A') as color
FROM Production.product;
```

Filter by subcategory

```
SELECT ProductSubCategoryID, Name
FROM Production.ProductSubcategory
ORDER BY Name;
```

Filter by category

```
SELECT ProductCategoryID, Name
FROM Production.ProductCategory
ORDER BY Name
```

Enable cascading parameters where the product list is filtered by the subcategory and the subcategory list is filtered by category.

Enable multiple selection on the colors

Add the parameter values to the report header or footer. Use the JOIN function if it's a multi-value parameter

2. Create a report that returns sales filtered by a start OrderDate and end Orderdate. Don't create a list of possible dates!!!! Use the date picker. You will have two parameters in this report, one for start date and one for end date.

```
SELECT SalesOrderID, CustomerID, OrderDate, TotalDue
FROM Sales.SalesOrderHeader
```