Redgate Community Circle SSRS Class Week 6 Assignment

Practice all the techniques and features shown in the video. Here are the queries you will need, but you can come up with some on your own as well:

```sql
SELECT Prod.ProductID, Prod.name, PH.LargePhoto
FROM Production.Product AS Prod
JOIN Production.ProductProductPhoto AS PPH
        ON PPH.ProductID = Prod.ProductID
JOIN PRoduction.ProductPhoto AS PH
        ON PH.ProductPhotoID = PPH.ProductPhotoID
JOIN Production.ProductSubcategory AS Sub
        ON Sub.ProductSubcategoryID = Prod.ProductSubcategoryID
WHERE PPH.[Primary] = 1 AND Sub.ProductCategoryID IN (1,4);
```

```sql
SELECT SUM(TotalDue) AS TotalSales, MONTH(OrderDate) AS OrderMonth,
        T.TerritoryID, T.Name AS TerritoryName,
        SUM(SUM(TotalDue)) OVER(PARTITION BY T.TerritoryID) AS TerritoryTotal
FROM Sales.SalesOrderHeader AS SOH
JOIN Sales.SalesTerritory AS T
        ON T.TerritoryID = SOH.TerritoryID
WHERE YEAR(OrderDate) = @Year
GROUP BY MONTH(OrderDate) ,
     T.TerritoryID ,
     T.Name;

SELECT *
FROM
(VALUES(2011,1000,800), (2012, 1000, 1010),(2013,1200,1100), (2014,1200,1220))AS Quota ([Year],[Target],Sales)
WHERE [Year] = @Year;

SELECT YEAR(OrderDate) AS OrderYear, MONTH(OrderDate) AS OrderMonth,
        SUM(TotalDue) AS Sales
FROM Sales.SalesOrderHeader
GROUP BY YEAR(OrderDate) ,
     MONTH(OrderDate);
```

```sql
DECLARE @Year INT = 2013
SELECT SUM(SOH.TotalDue) AS Sales,
        vS.CountryRegionName, vs.StateProvinceName
FROM Sales.SalesOrderHeader AS SOH
JOIN Person.BusinessEntityAddress AS BEA
ON BEA.BusinessEntityID = SOH.CustomerID
JOIN Person.Address AS A ON A.AddressID = BEA.AddressID
JOIN Person.vStateProvinceCountryRegion AS vS
ON vS.StateProvinceID = A.StateProvinceID
WHERE vS.CountryRegionName = 'United States'
```

```
AND YEAR(OrderDate) = @Year
GROUP BY   vS.CountryRegionName ,
       vS.StateProvinceName
```

1. Add a logo to the Image collection
2. Add the logo to the header of the report
3. Create a report using the Table or List control and display the images for the products.
4. Create Charts and Graphs. Try reproducing the ones shown in class and come up with some of your own ideas with AdventureWorks data or some other data source.
5. Create a table with a sparkline and indicator
6. Create a map connected to data.