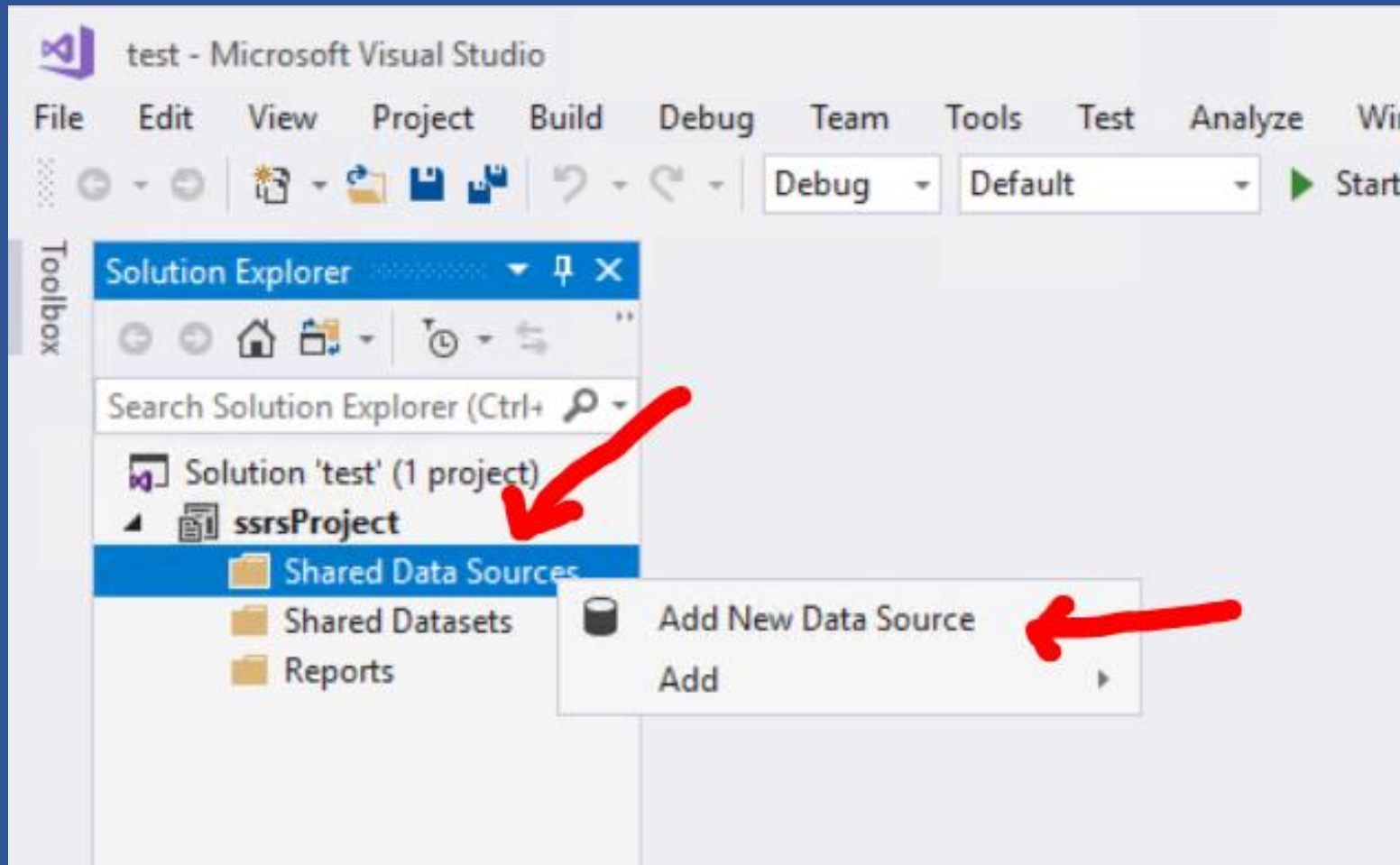


Shared Data Set & Shared Data Source

Create new SSRS Report

Right-Click Shared Data Source / Add New Data Source



Name = mySharedDataSource1 / Edit and set connection properties / OK

Shared Data Source Properties

General

Credentials

Change name, type, and connection options.

Name:
myShareDataSource1

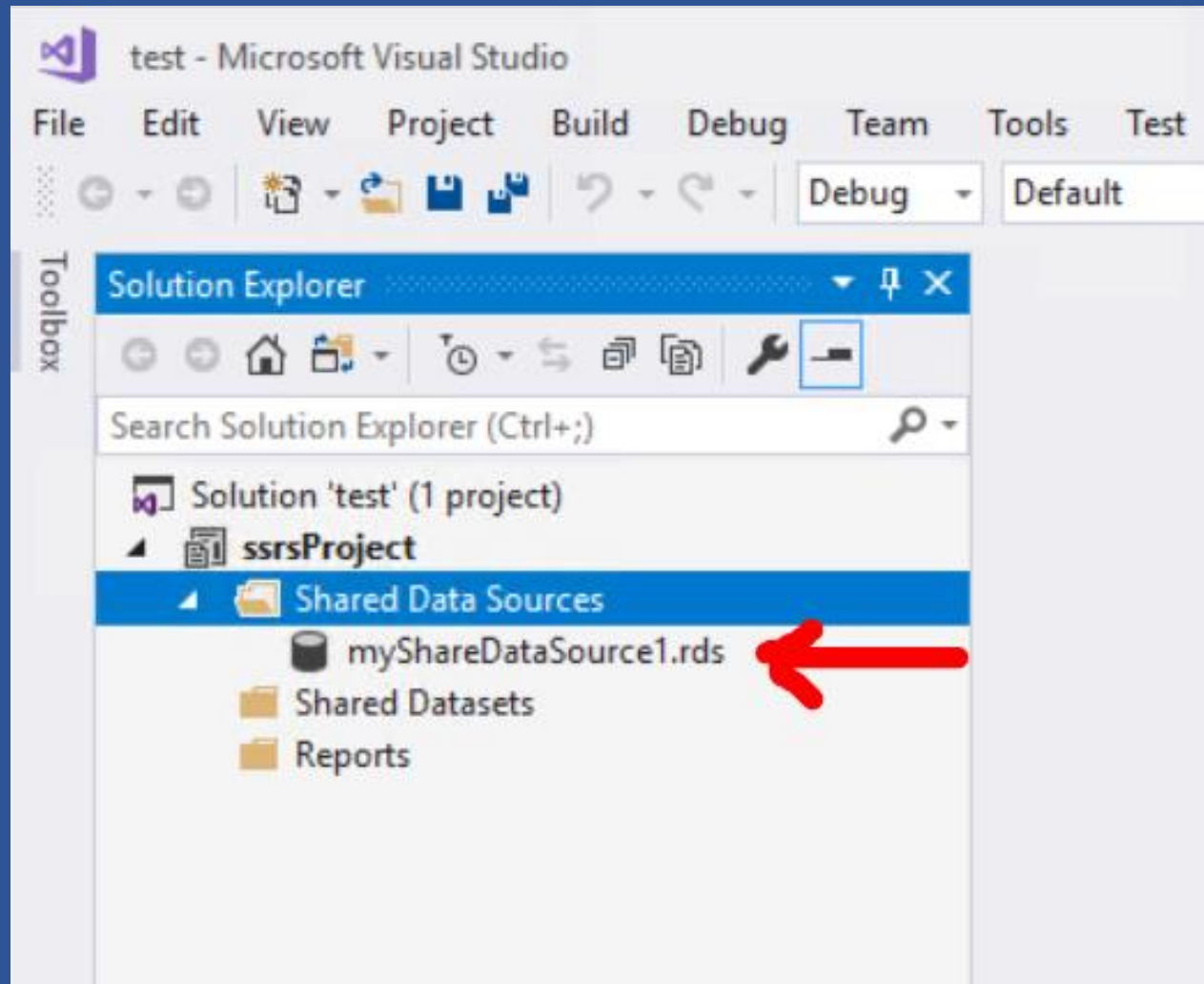
Type:
Microsoft SQL Server

Connection string:
Data Source=LOY2\\SQLEXPRESS;Initial Catalog=AdventureWorks2017

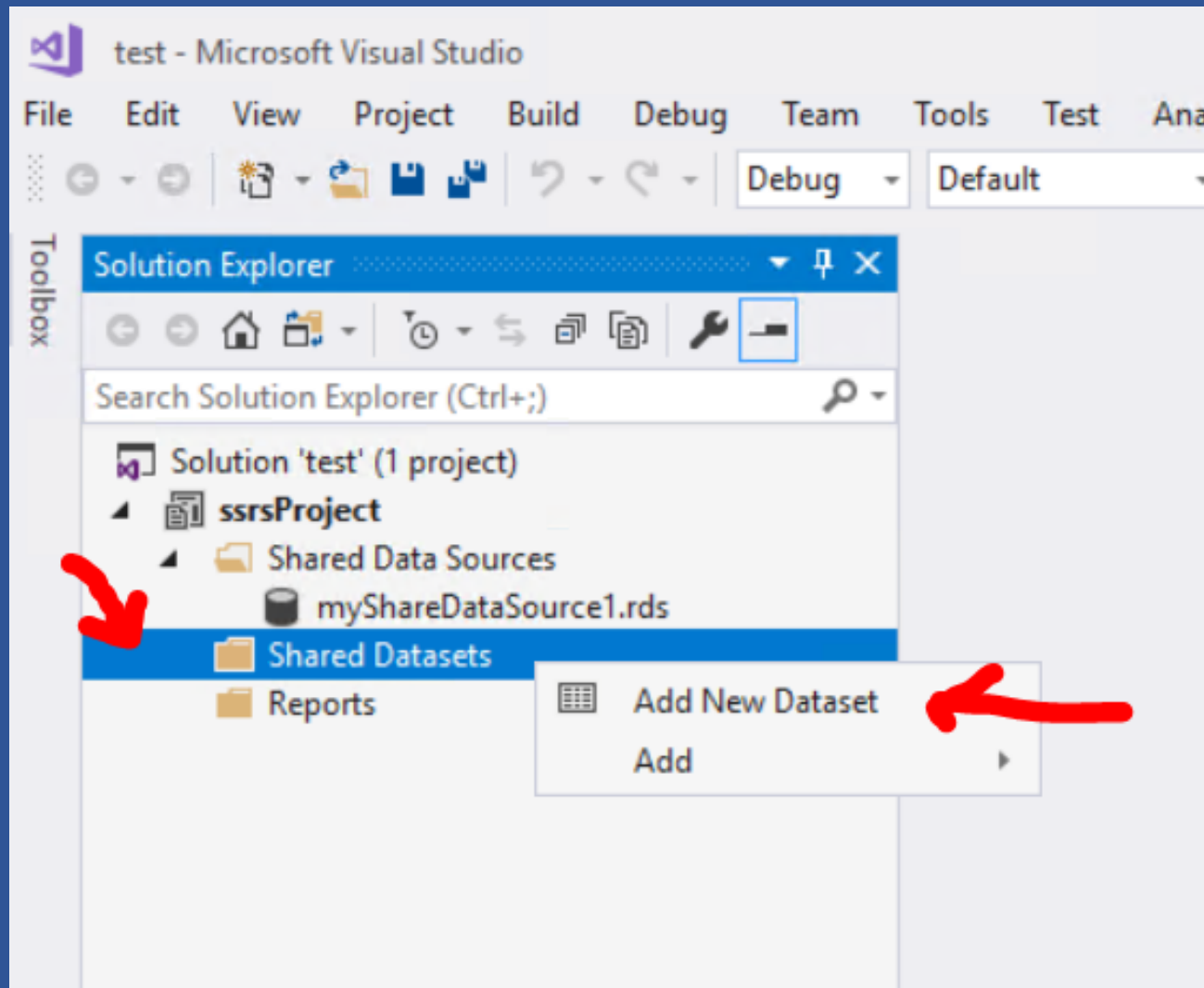
Edit...

Help OK Cancel

Make sure you have a new Shared Data Source created



Right-Click Shared Datasets / Add New Dataset



Name = mySharedDataSet1 / Enter Query from the previous project / OK

Shared Dataset Properties

Query

Choose a data source and create a query.

Name: mySharedDataSet1

Data source: myShareDataSource1

Query type: ☒ Text ☐ Table ☐ Stored Procedure

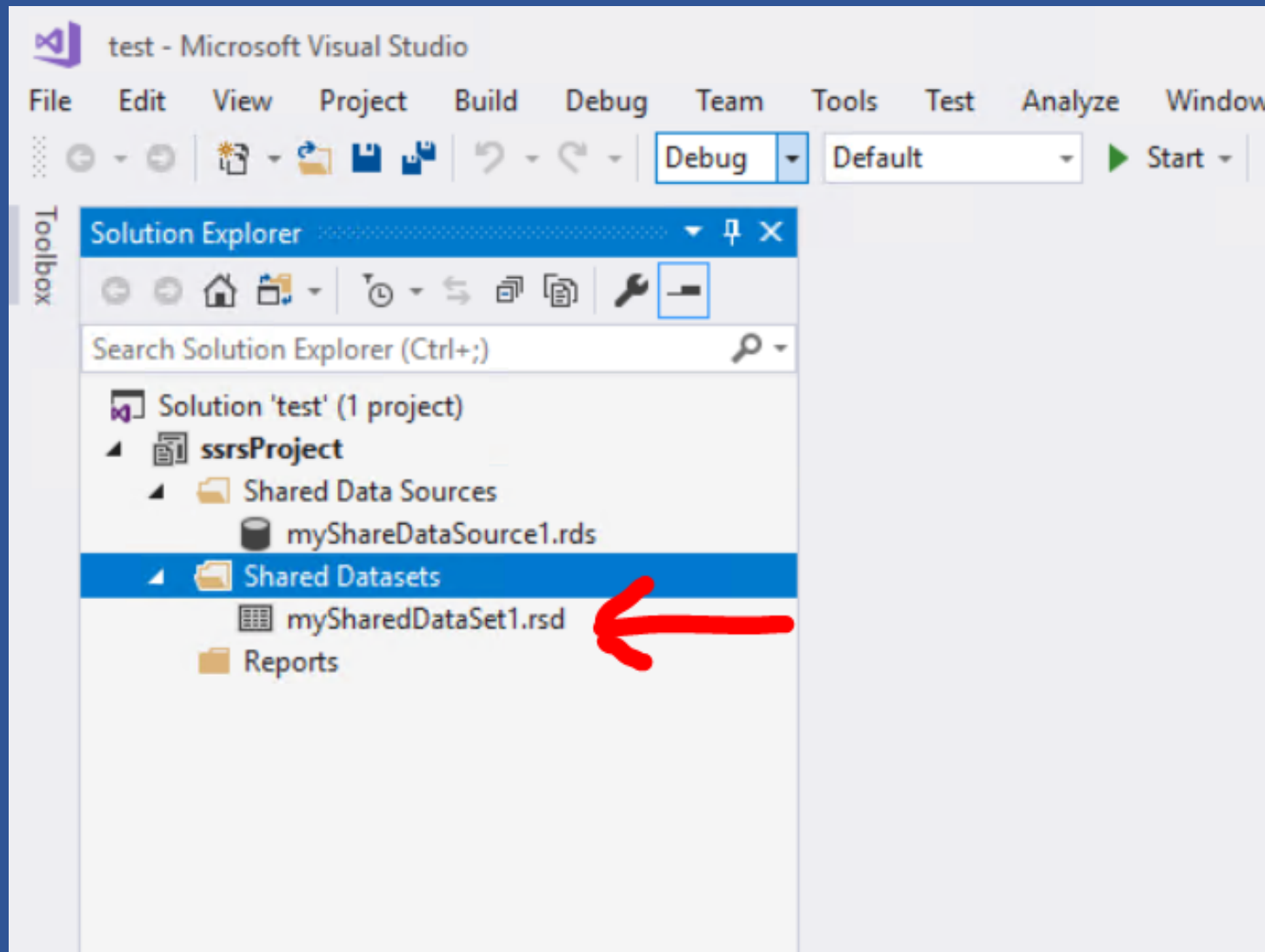
Query:

```
INNER JOIN Sales.SalesOrderHeader AS soh
    ON sp.BusinessEntityID = soh.SalesPersonID
INNER JOIN Sales.SalesOrderDetail AS sd
    ON sd.SalesOrderID = soh.SalesOrderID
INNER JOIN Production.Product AS pp
    ON sd.ProductID = pp.ProductID
INNER JOIN Production.ProductSubcategory AS pps
    ON pp.ProductSubcategoryID = pps.ProductSubcategoryID
INNER JOIN Production.ProductCategory AS ppc
    ON ppc.ProductCategoryID = pps.ProductCategoryID
GROUP BY ppc.Name, soh.OrderDate, soh.SalesOrderNumber, pps.Name,
    soh.SalesPersonID
HAVING ppc.Name = 'Clothing'
AND (soh.OrderDate BETWEEN '2014-01-01' AND '2014-12-31')
```

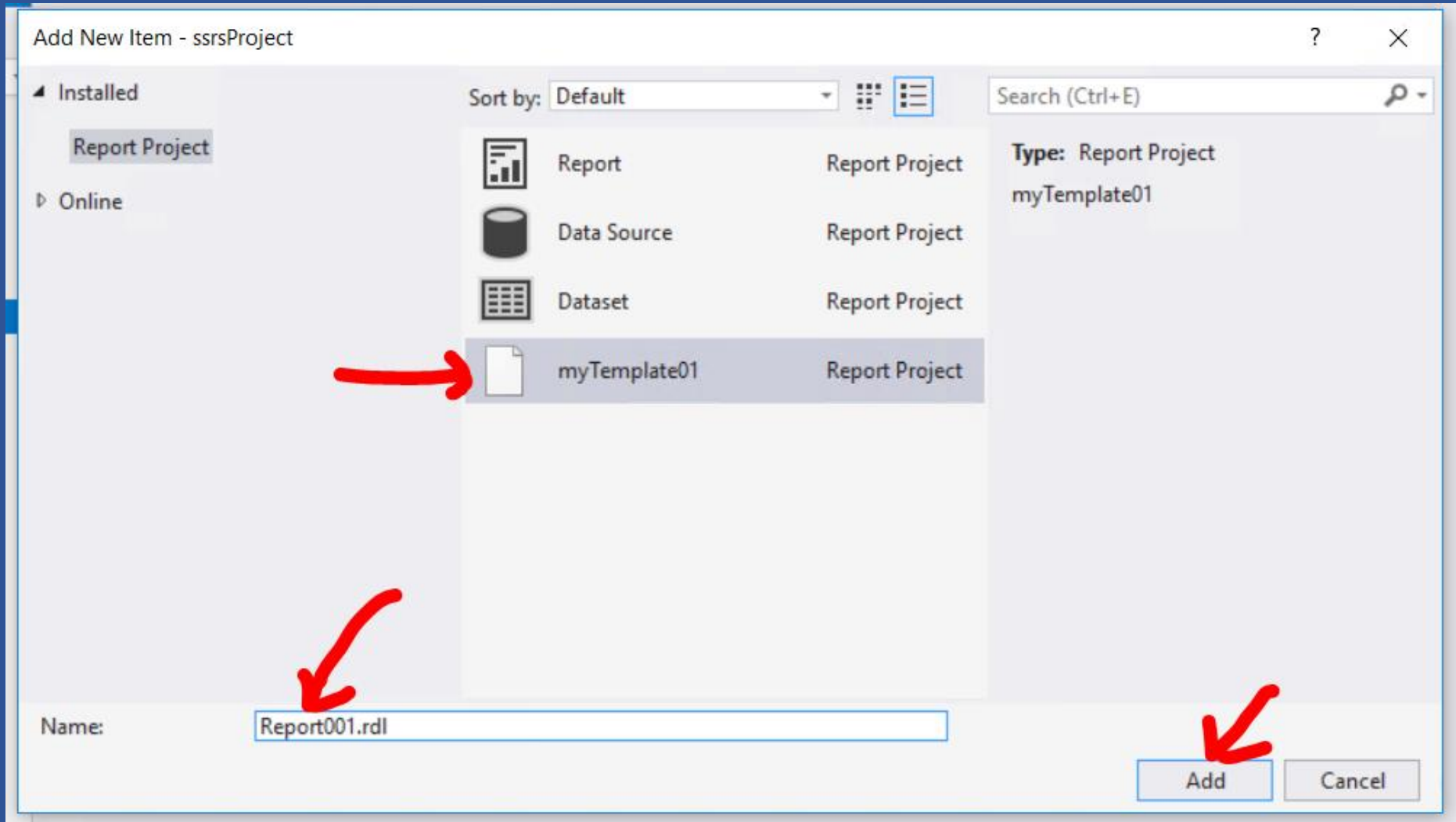
Time out (in seconds): 0

OK

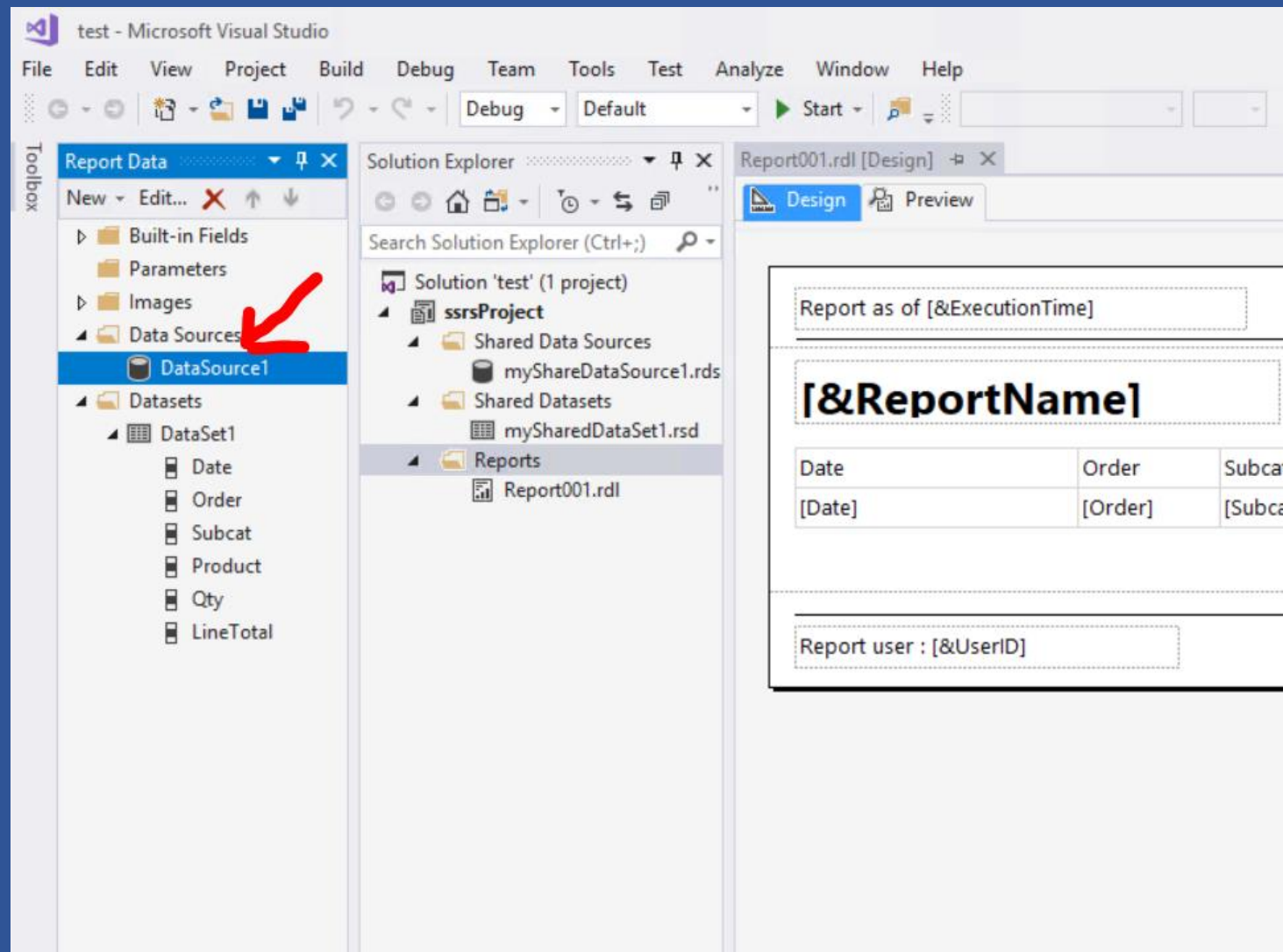
Verify that you have a new Shared Dataset created



Create a new report from the template create in the last session



Click at Report Data / DataSource1



Modify to use Share data source reference = myShareDataSource1

Data Source Properties

General

Credentials

Change name, type, and connection options.

Name:
DataSource1

☐ Embedded connection:

Type:
Microsoft SQL Server

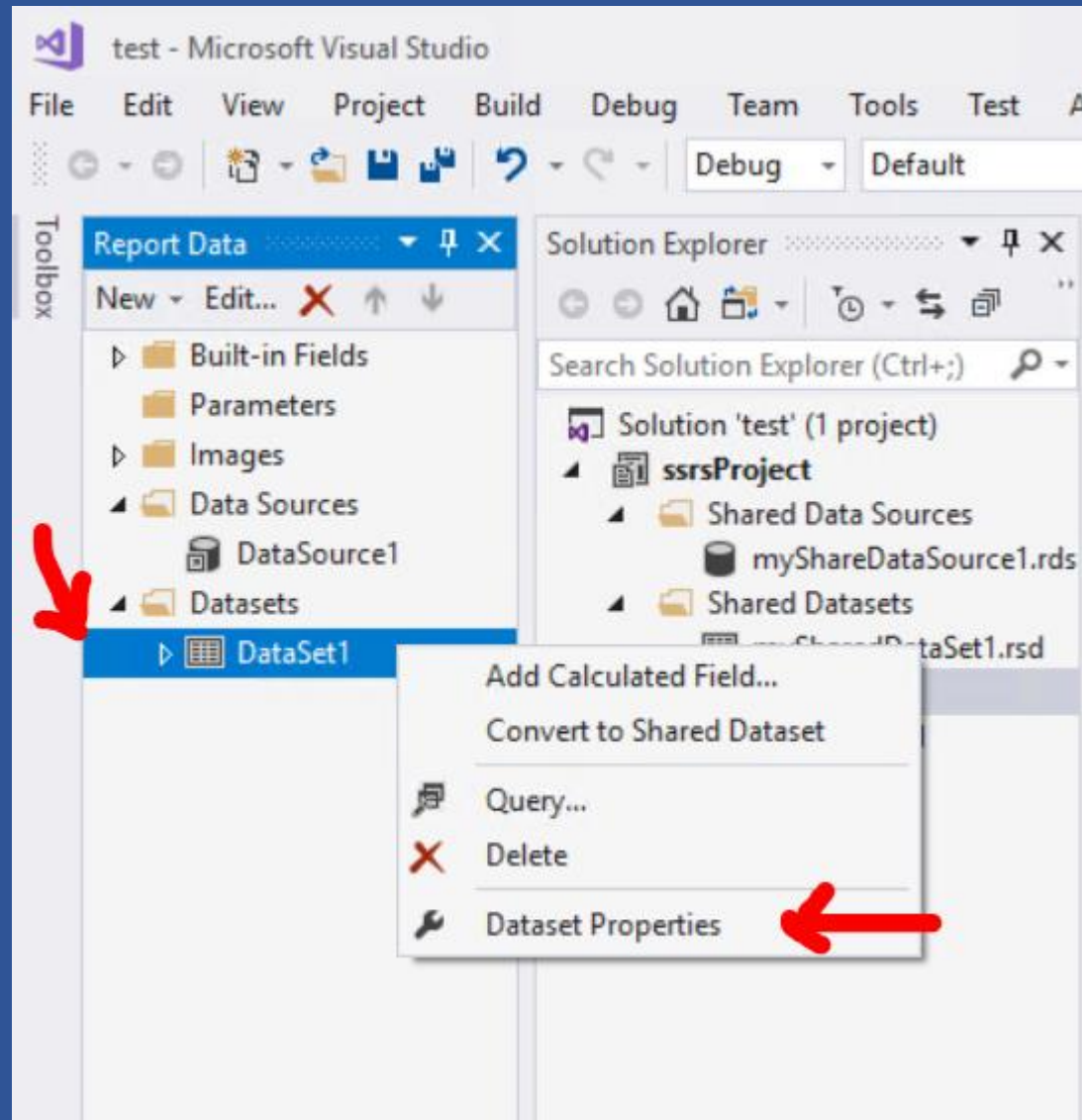
Connection string:
Data Source=LOY2\\SQLEXPRESS;Initial Catalog=AdventureWorks2017

☒ Use shared data source reference
myShareDataSource1

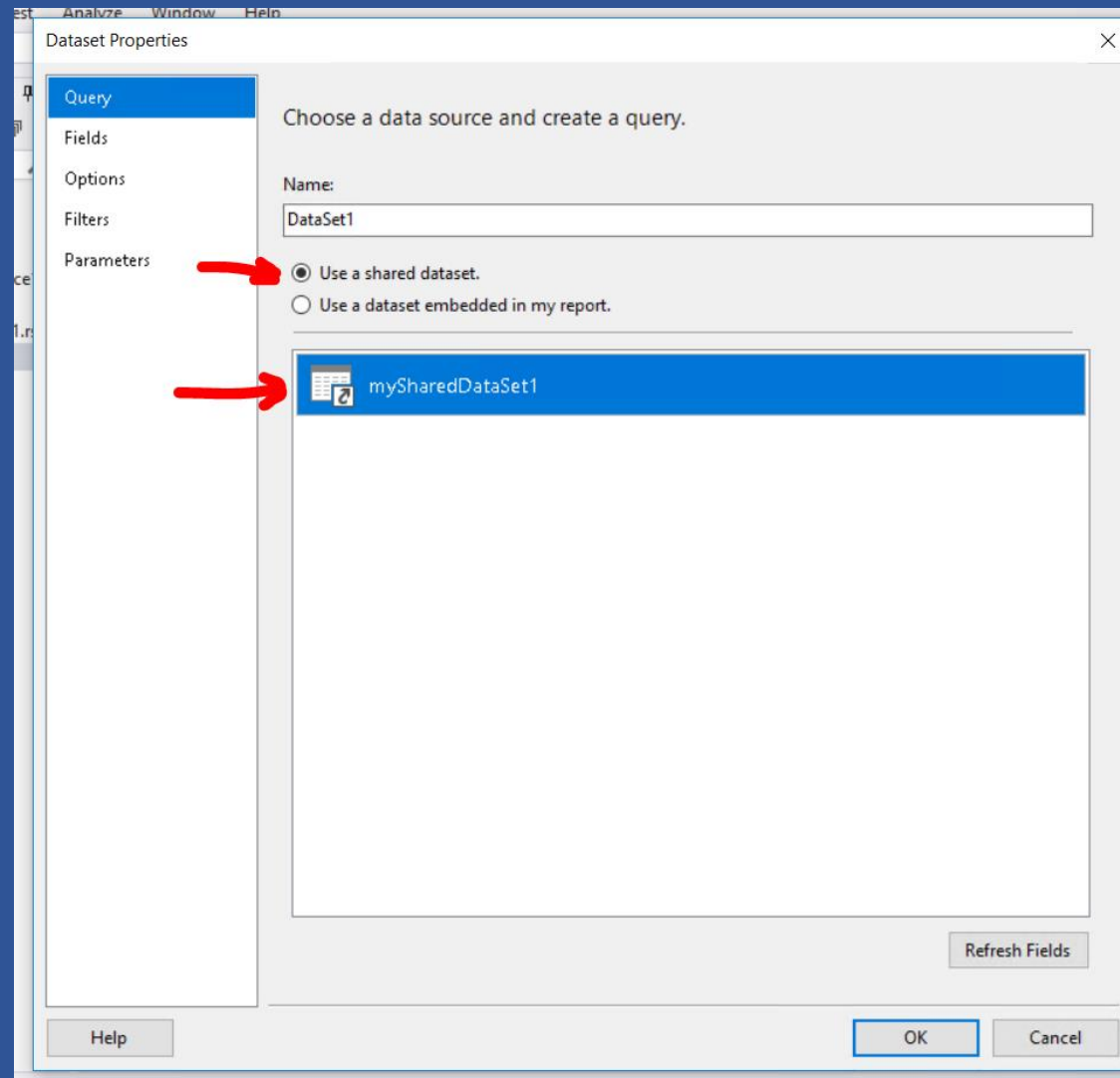
☐ Use single transaction when processing the queries

Help OK Cancel

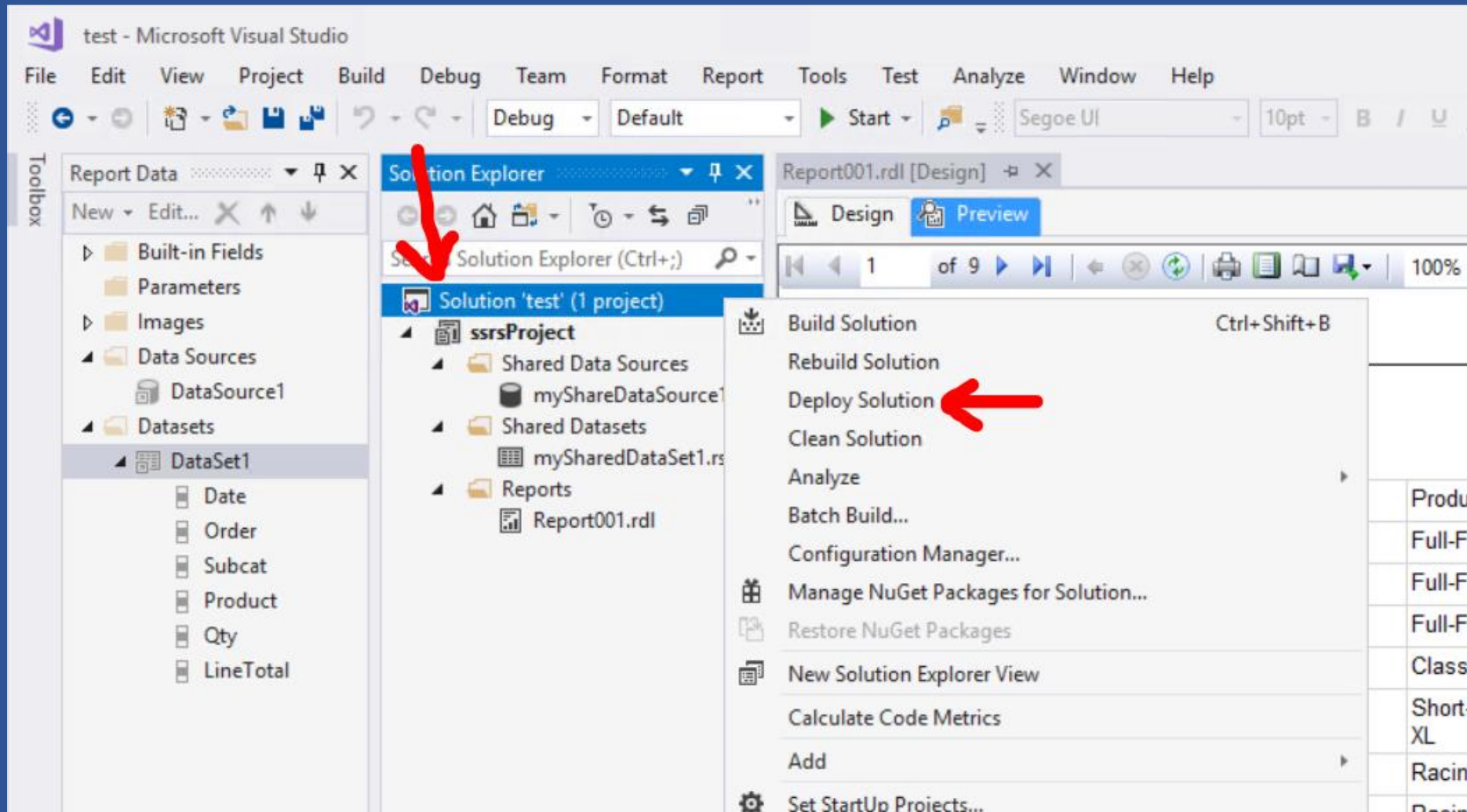
Right-click Report Data, Datasets, Dataset1 / Dataset properties



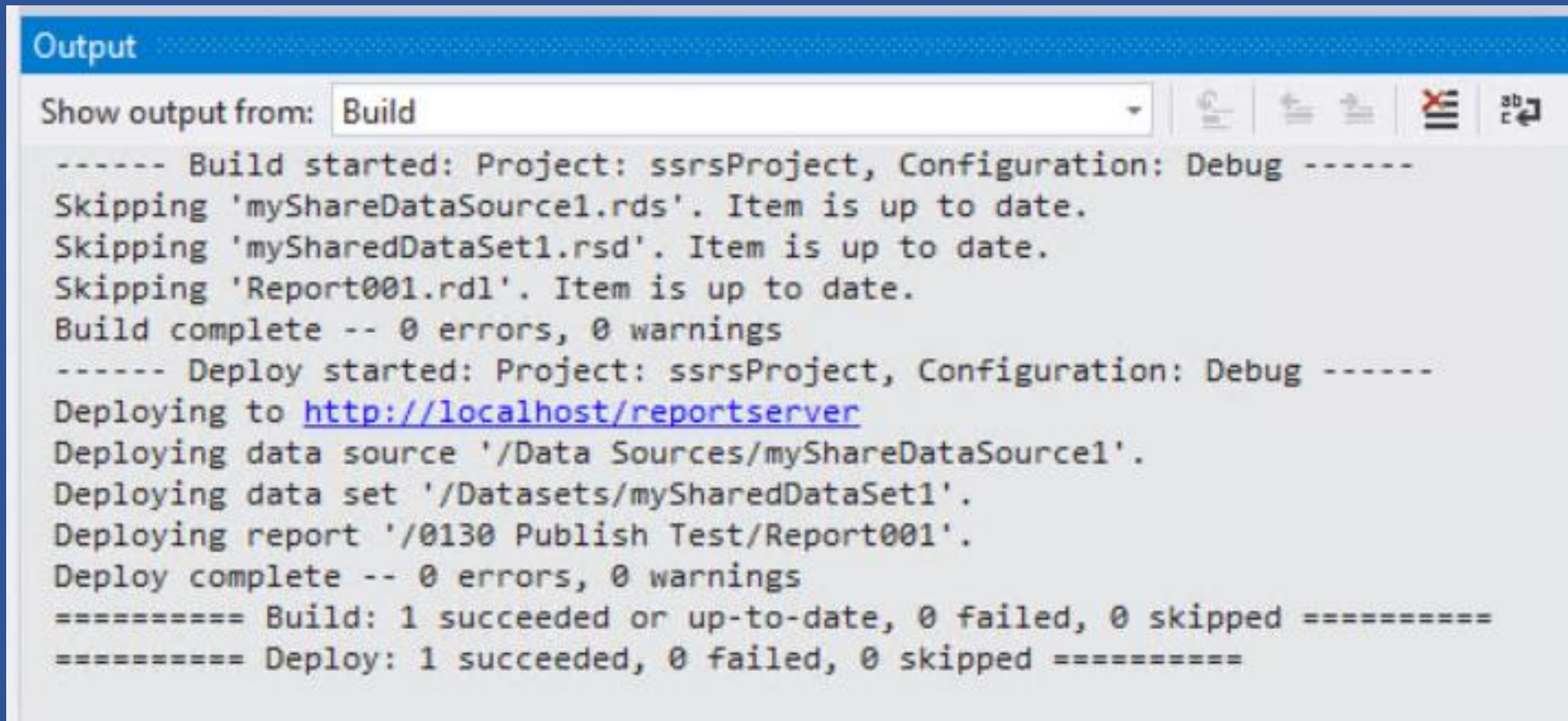
Use a shared dataset = myShareDataSet1 / OK



Deploy Solution



Verify that there is no deploy error message



The screenshot shows the 'Output' window of a development environment. The 'Show output from:' dropdown is set to 'Build'. The output text is as follows:

```
----- Build started: Project: ssrsProject, Configuration: Debug -----
Skipping 'myShareDataSource1.rds'. Item is up to date.
Skipping 'mySharedDataSet1.rsd'. Item is up to date.
Skipping 'Report001.rdl'. Item is up to date.
Build complete -- 0 errors, 0 warnings
----- Deploy started: Project: ssrsProject, Configuration: Debug -----
Deploying to http://localhost/reportserver
Deploying data source '/Data Sources/myShareDataSource1'.
Deploying data set '/Datasets/mySharedDataSet1'.
Deploying report '/0130 Publish Test/Report001'.
Deploy complete -- 0 errors, 0 warnings
===== Build: 1 succeeded or up-to-date, 0 failed, 0 skipped =====
===== Deploy: 1 succeeded, 0 failed, 0 skipped =====
```

Open Report Portal and explorer the Shared Data Sources and Datasets

