

3-SQL Server Reporting Service SSRS.

The screenshot shows the Microsoft SQL Server Management Studio interface. On the left, the Object Explorer displays the database structure of the 'ITI' database, including tables like student, course, and instructor. The central pane contains two T-SQL code snippets:

```
create proc Getstuds
as
Select *
from student
where st_address='cairo'

create proc GetStudByAge @age1 int,@age2 int
as
```

Below the code, the Messages pane shows the output: "Command(s) completed successfully." At the bottom, a status bar indicates "Query executed successfully." and provides connection information: "(local) (13.0 RTM) | DESKTOP-VF50P25\Ram (61) | ITI | 00:00:00 | 0 rows".

3-SQL Server Reporting Service-SSRS.

The screenshot shows the Microsoft SQL Server Management Studio interface. On the left is the Object Explorer pane, which displays the database structure of the 'ITI' database, including tables like 'student', 'Course', 'Department', etc. The main central area is a query window titled 'SQLQuery1.sql - (local).ITI (DESKTOP-VF50P25\Ramí (61))'. It contains the following T-SQL code:

```
from student  
where st_address='cairo'  
  
create proc GetStudByAge @age1 int, @age2 int  
as  
select *  
from Student  
where st_age between @age1 and @age2
```

The 'create proc' statement is highlighted with a red underline, indicating a syntax error or warning. Below the code, the message 'Command(s) completed successfully.' is displayed. At the bottom of the window, a status bar shows 'Query executed successfully.' and other system information.

3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data Report4.rdl [Design] Report3.rdl [Design] Graphs.rdl [Design] Grades.rdl [Design] Report2.rdl [Design]

Design Preview

Report4

[Name]	[Sum(LineTotal)]	
--------	------------------	---

Row Groups: matrix1_Name

Column Groups: matrix1_year

Solution Explorer

- Solution 'MansouraReports' (1 project)
 - MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl

3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data Report4.rdl [Design] Report3.rdl [Design] Graphs.rdl Grades.rdl Report2.rdl [Design]

Design Preview

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

MansouraReports

- Shared Data Sources
- ITI_DS1.rds
- Shared Datasets
- Report4.rdl
- Add New Report
- Add
- Properties
- Alt+Enter

Report4.rdl [Design]

Report4

	[year]		
[Name]	[Sum(LineTotal)]		

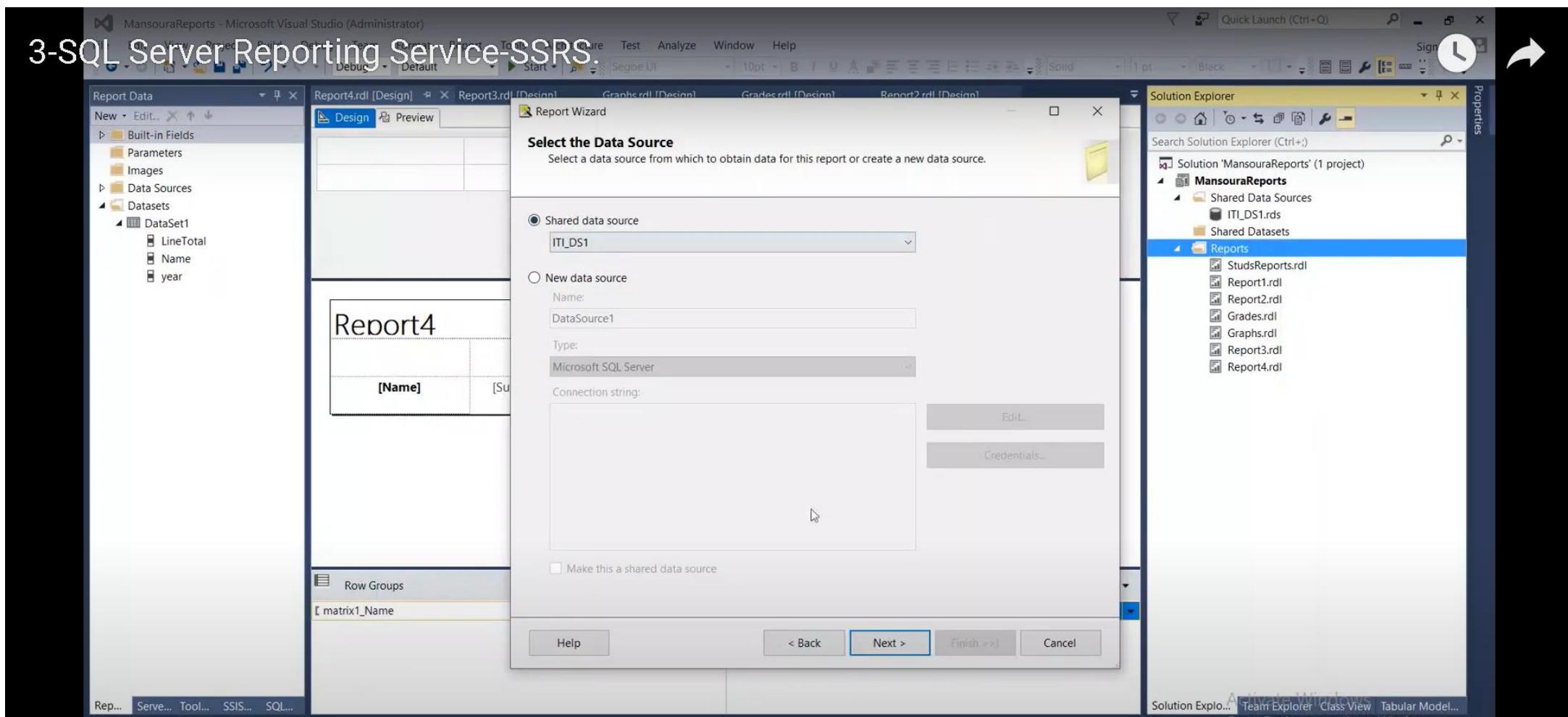
Row Groups Column Groups

matrix1_Name matrix1_year

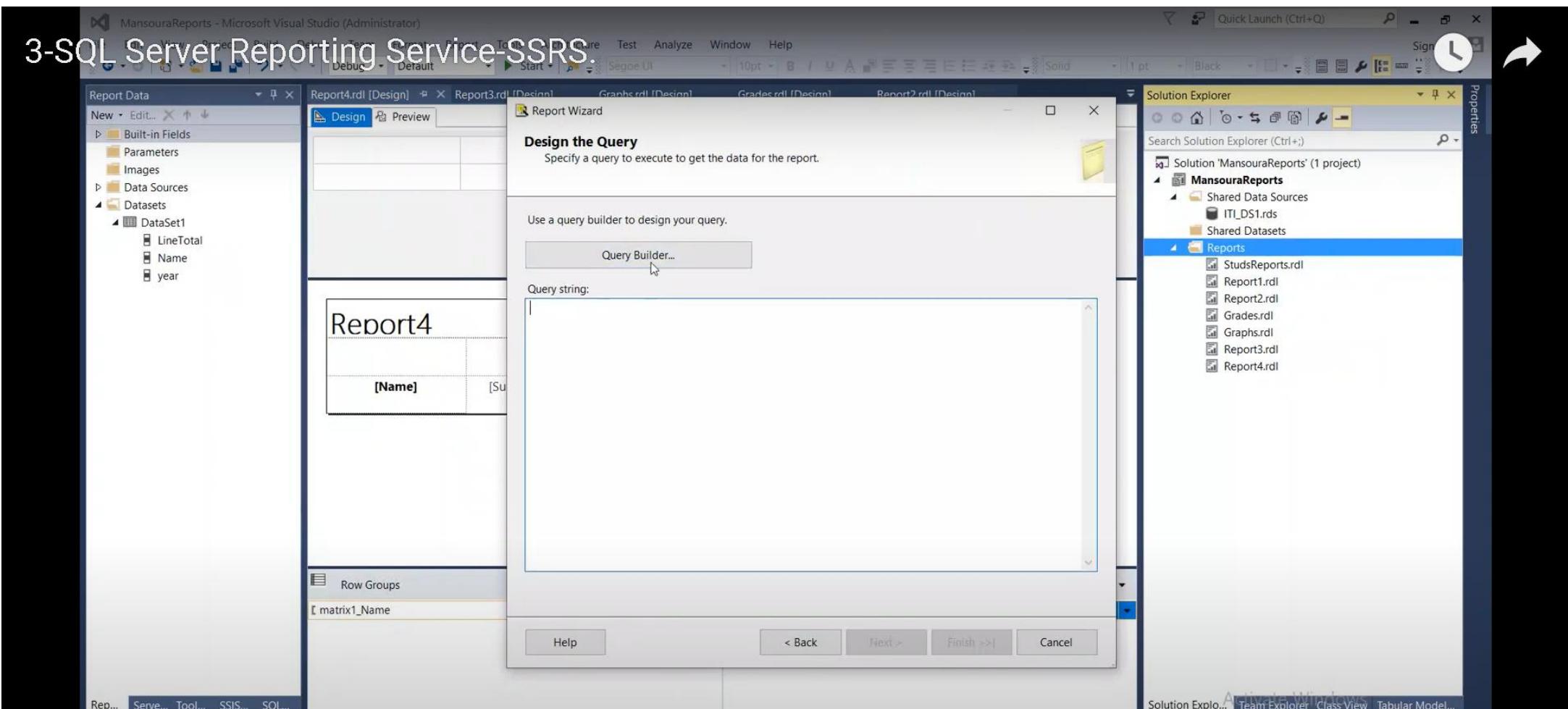
Rep... Serve... Tool... SSIS... SQL...

Average Windows Team Explorer Class View Tabular Model... Go to Settings to activate Windows

3-SQL Server Reporting Service-SSRS.



3-SQL Server Reporting Service-SSRS.





!

Command type: Text

Edit as Text

Report Data

New

Edit...

X

↑

↓

↶

↷

↶

↷

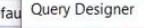
↶

↷

Report4.rdl [Design]

Design

Preview



Query Designer

Built-in Fields

Parameters

Images

Data Sources

Datasets

DataSet1

LineTotal

Name

year

Report4

[Name]

Row Groups

matrix1_Name

Help

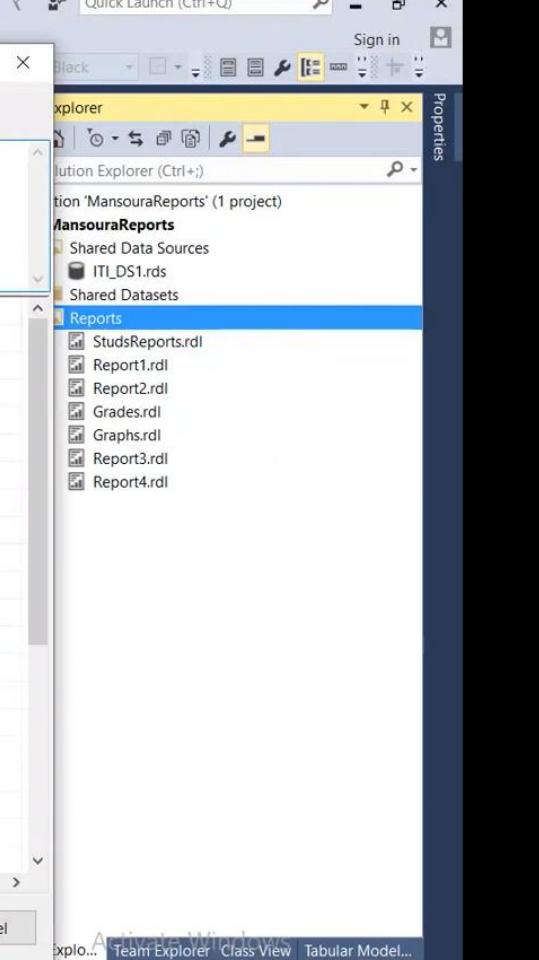
OK

Cancel

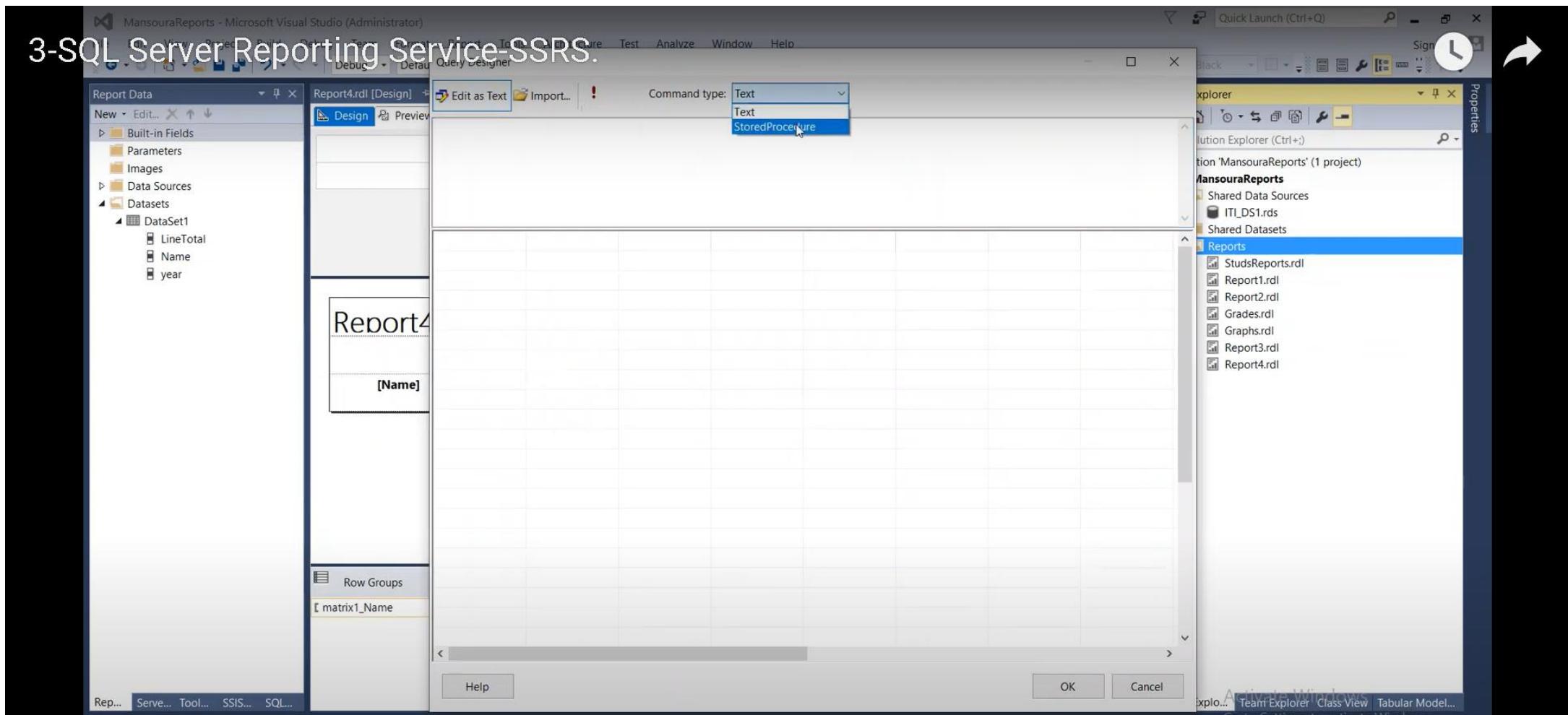
Activate Windows

Explo... Team Explorer Class View Tabular Model...

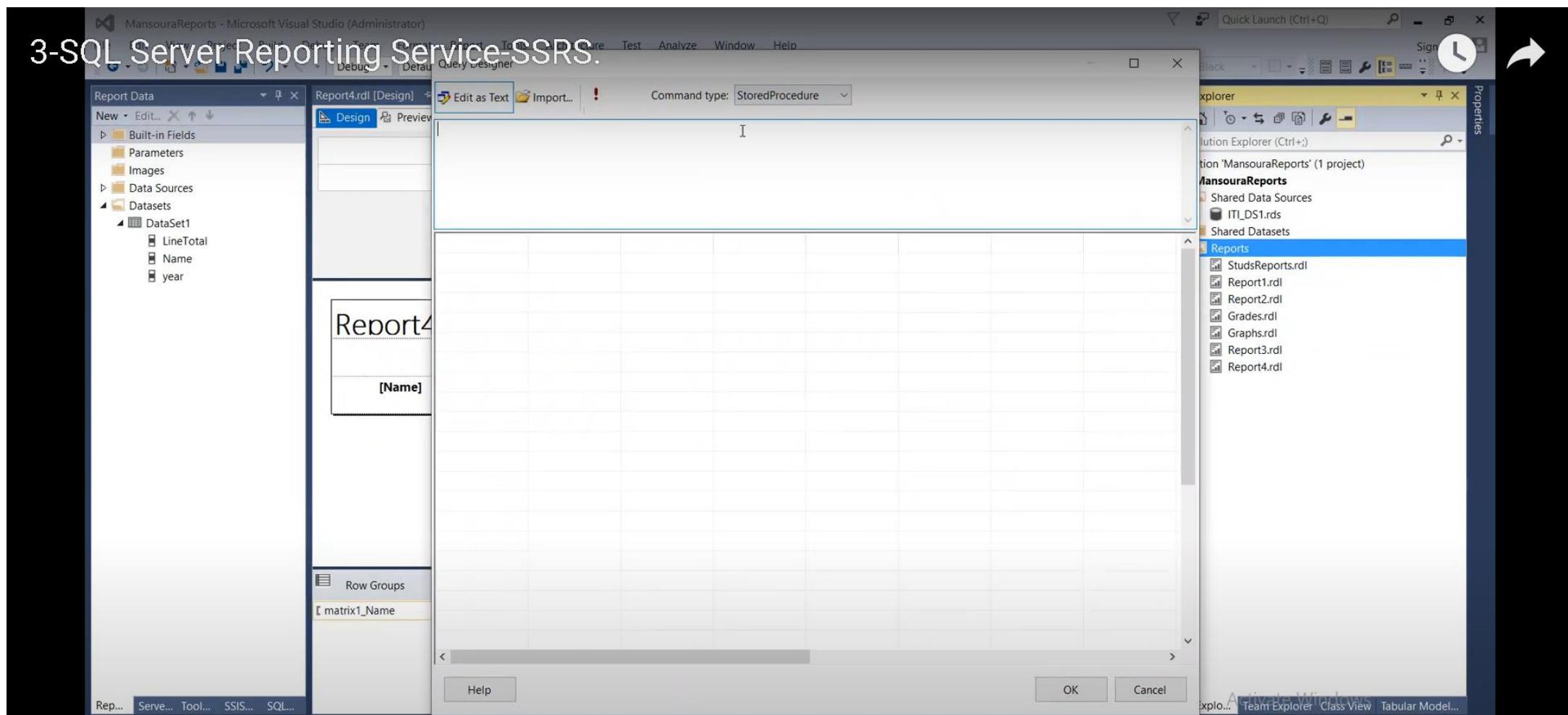
Rep... Serve... Tool... SSIS... SQL...

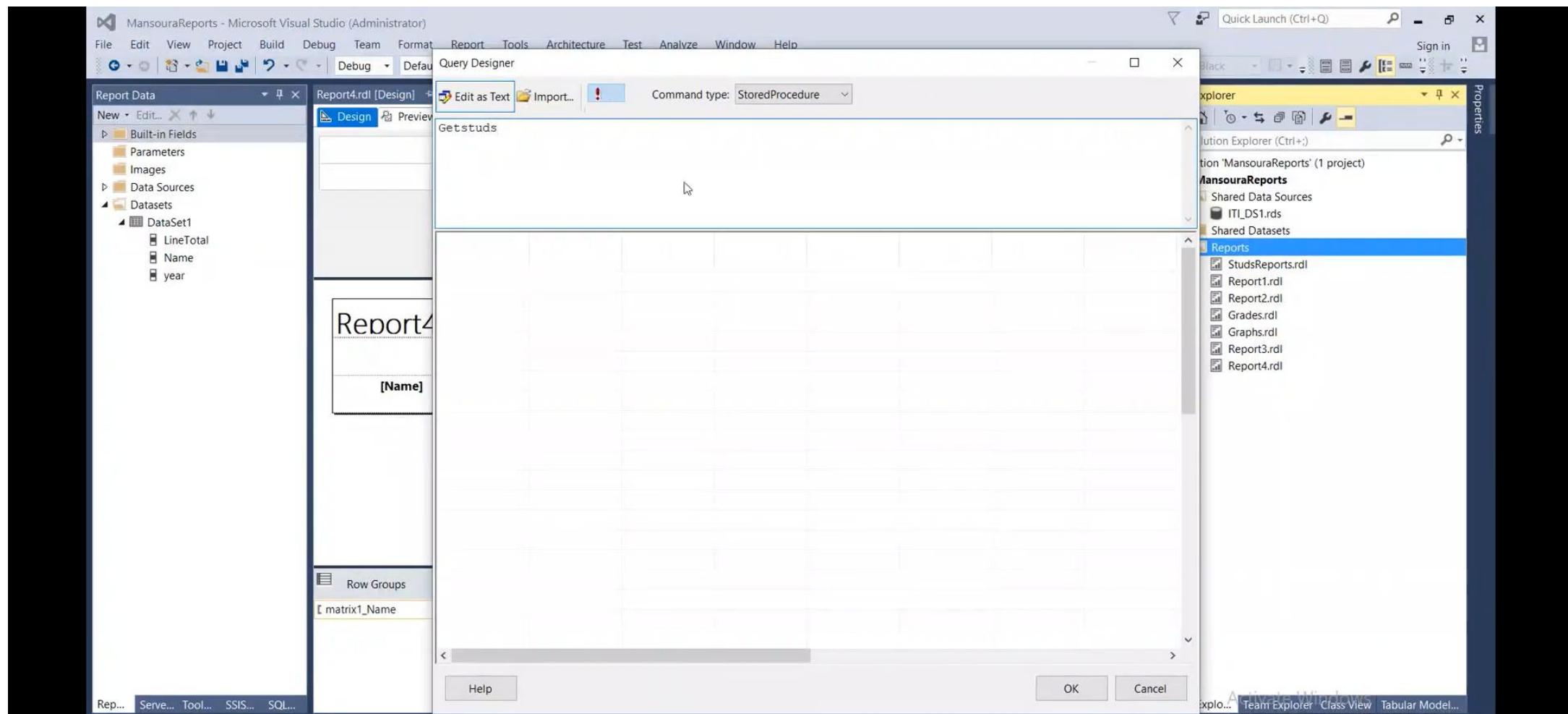


3-SQL Server Reporting Service-SSRS.



3-SQL Server Reporting Service-SSRS.





3-SQL Server Reporting Service-SSRS:

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Tools Test Analyze Window Help

Report Data Report4.rdl [Design] Design Preview Command type: StoredProcedure

New Edit... > Report4.rdl [Design]

Built-in Fields Parameters Images

Data Sources

Datasets

DataSet1

- LineTotal
- Name
- year

Report4

[Name]

Getstuds

St_Id	St_Fname	St_Lname	St_Address	St_Age	Dept_Id	St_super
1	Ahmed	Hassan	Cairo	20	10	
2	Amr	Magdy	Cairo	21	10	1
3	Mona	Saleh	Cairo	28	10	1
7	Ali	Hussien	Cairo	25	20	6
11	mohamed ali	Ahmed	Cairo	24	20	9
12	Noha	Omar	Cairo	21	30	

Row Groups matrix1_Name

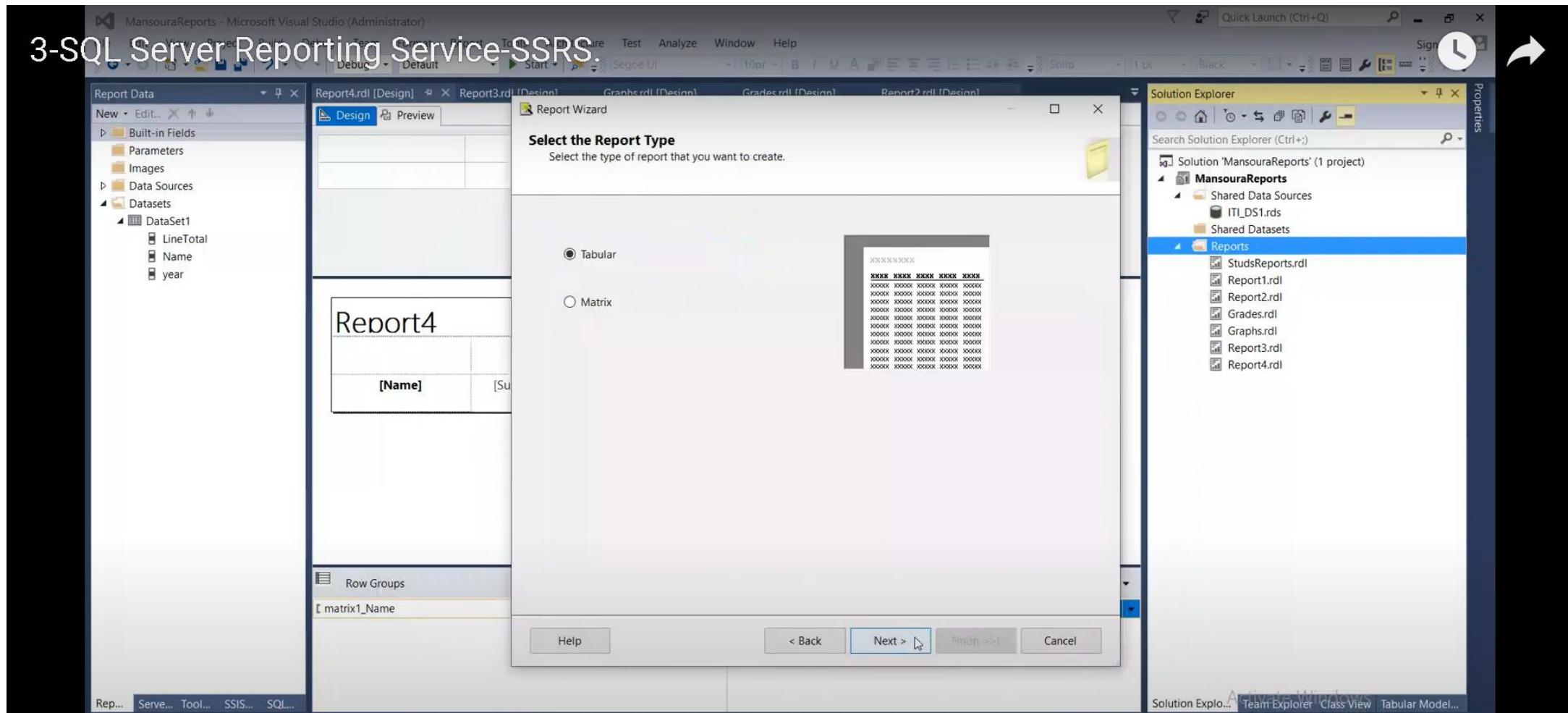
Help OK Cancel

Rep... Serve... Tool... SSIS... SQL...

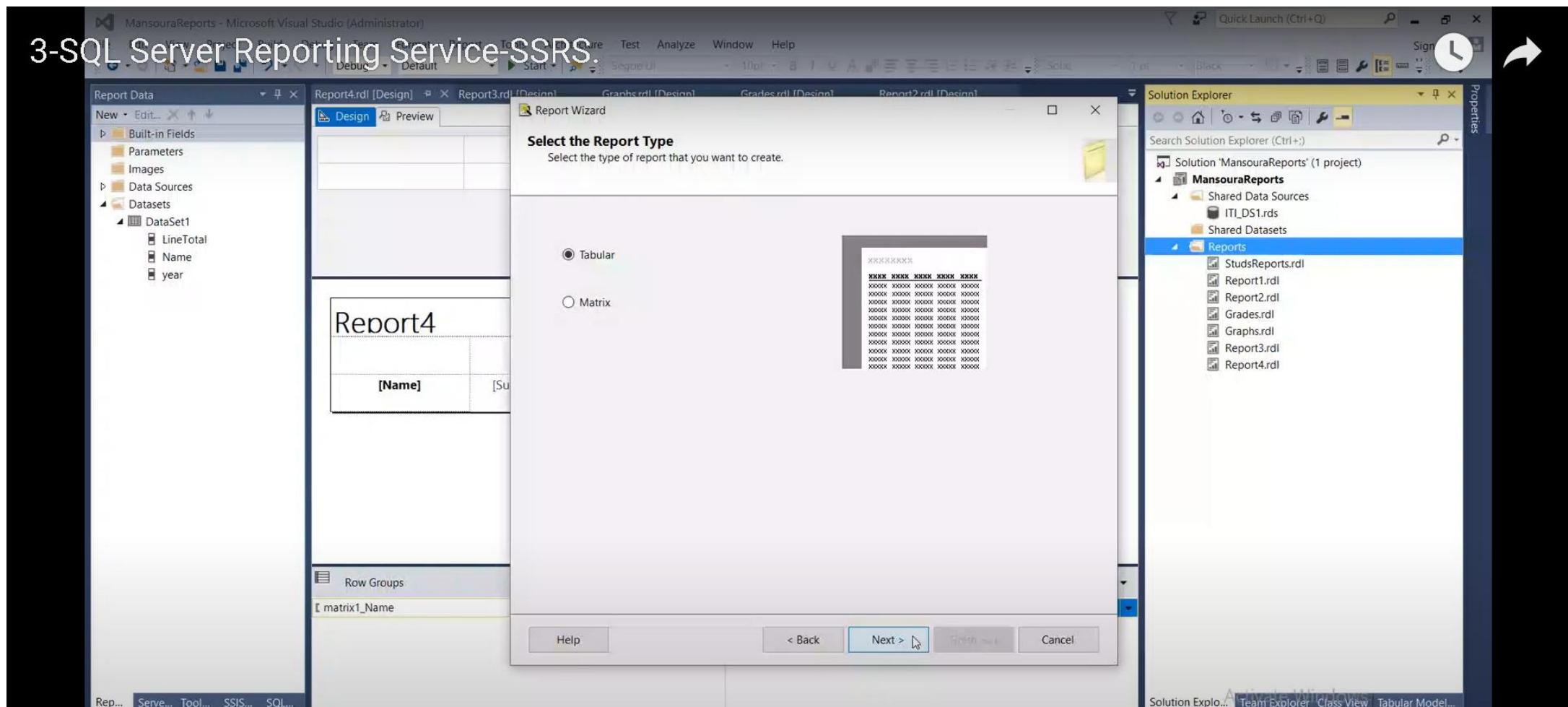
explorer Team Explorer Class View Tabular Model... Active Windows

Properties

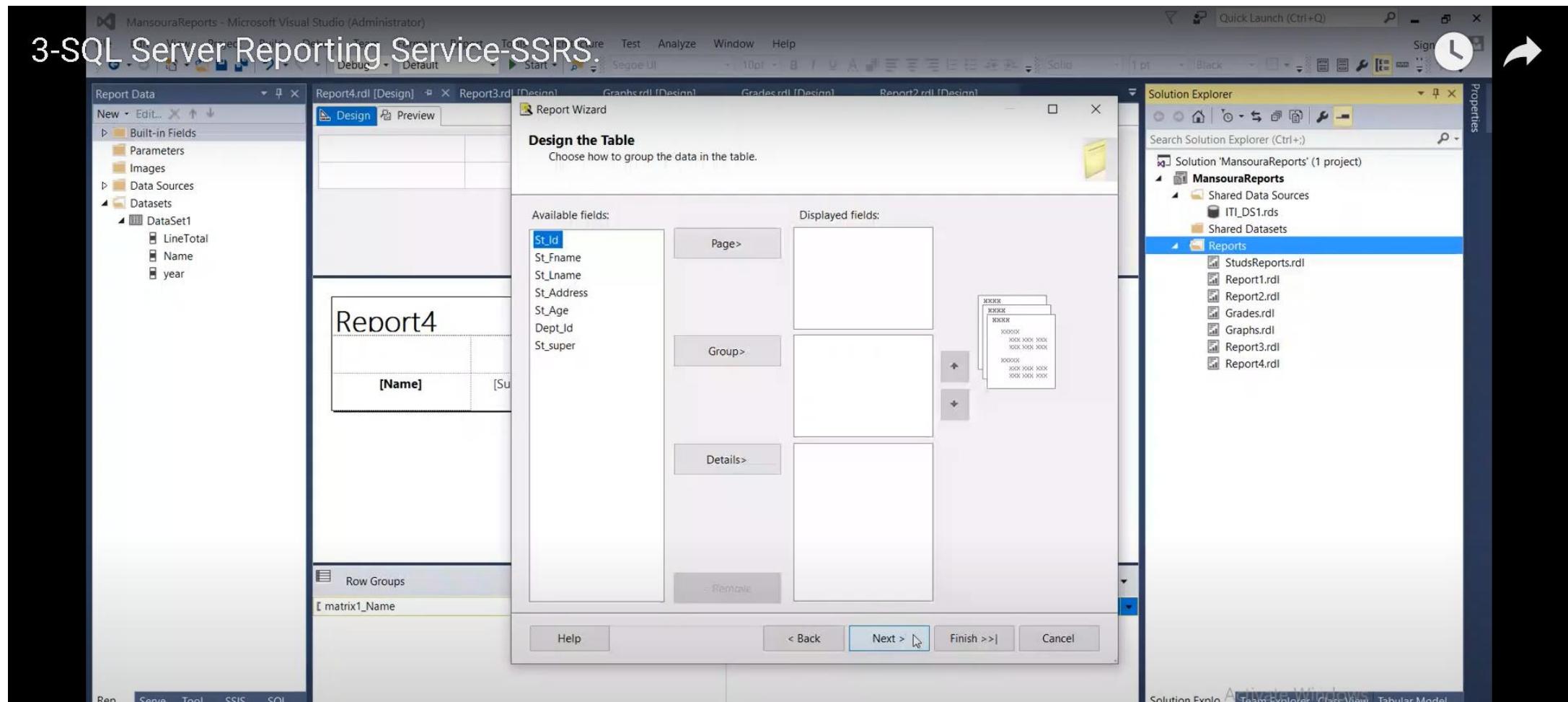
3-SQL Server Reporting Service-SSRS.



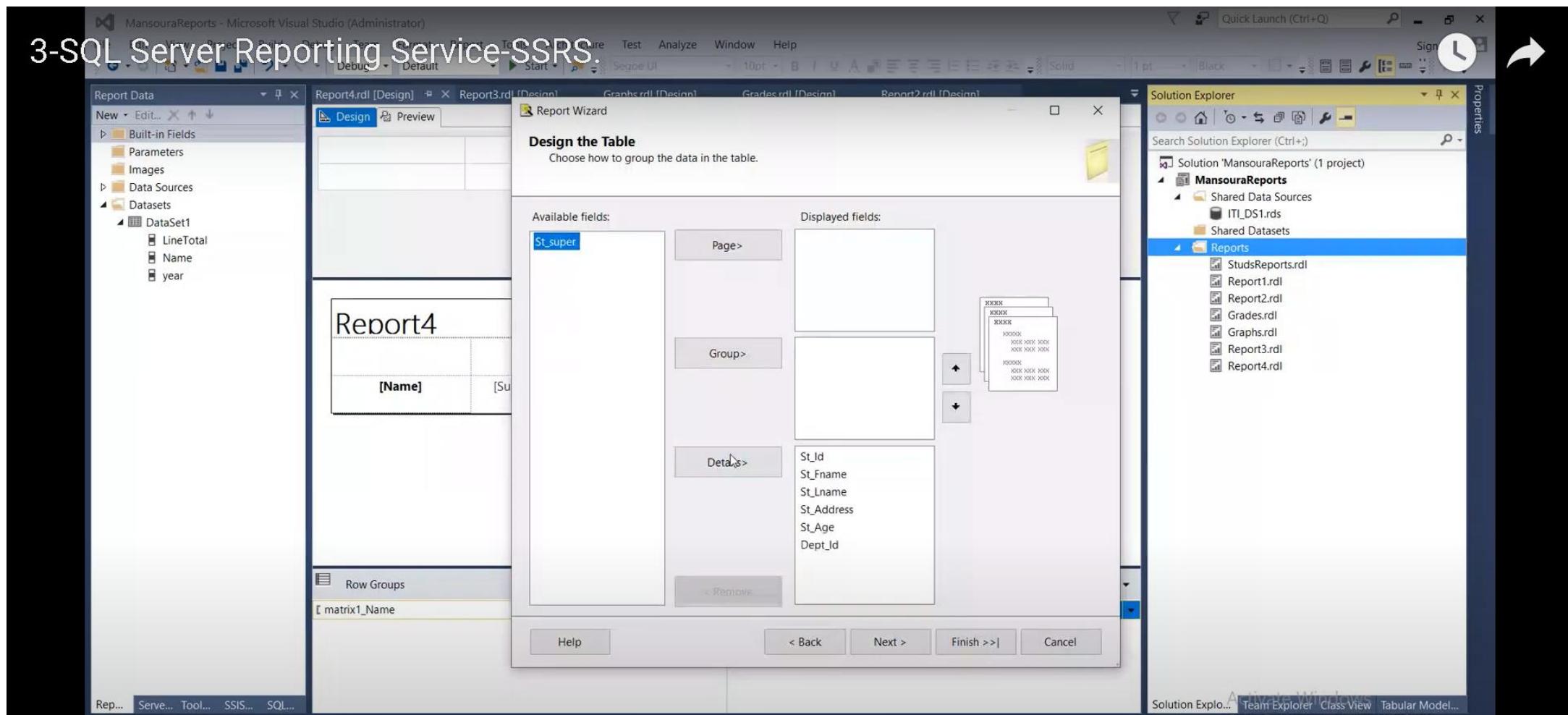
3-SQL Server Reporting Service-SSRS.



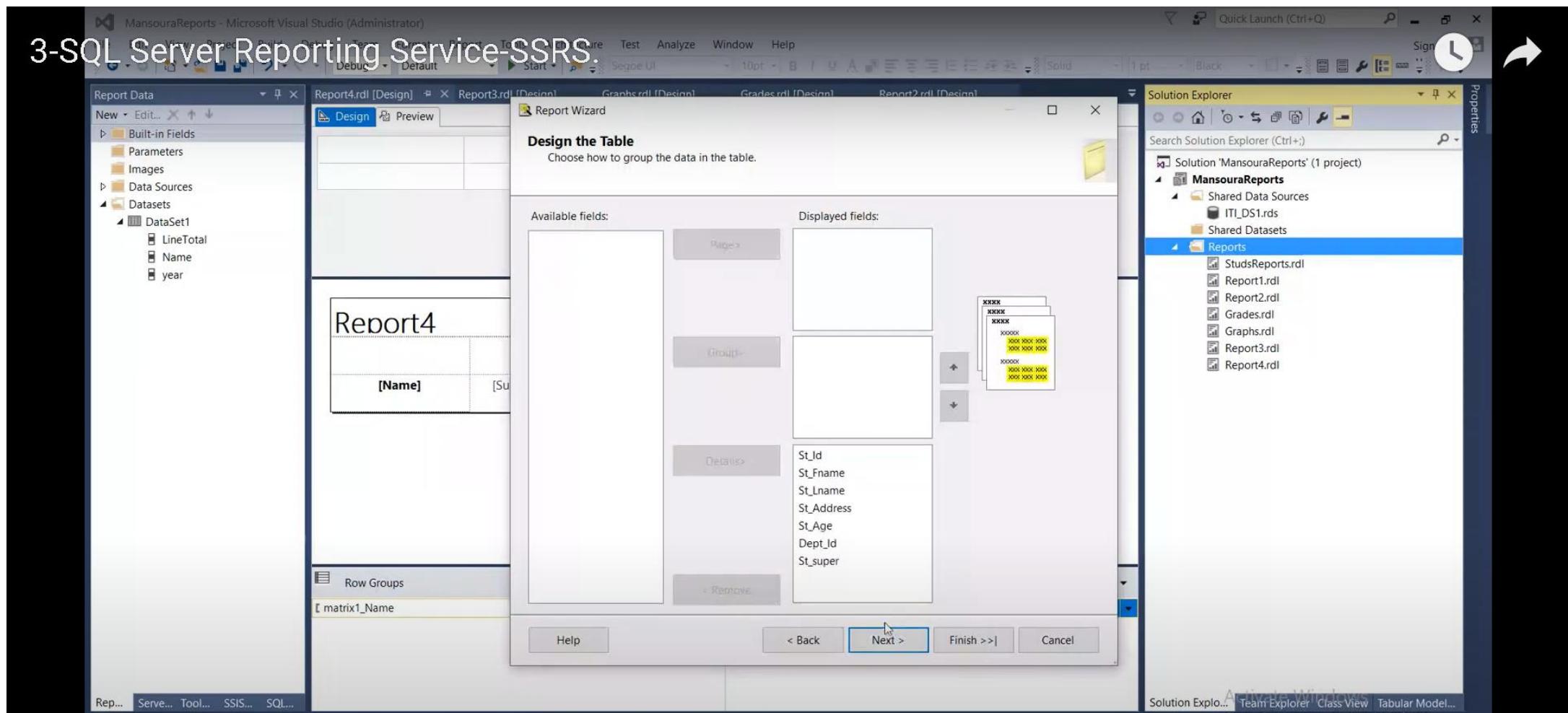
3-SQL Server Reporting Service-SSRS.



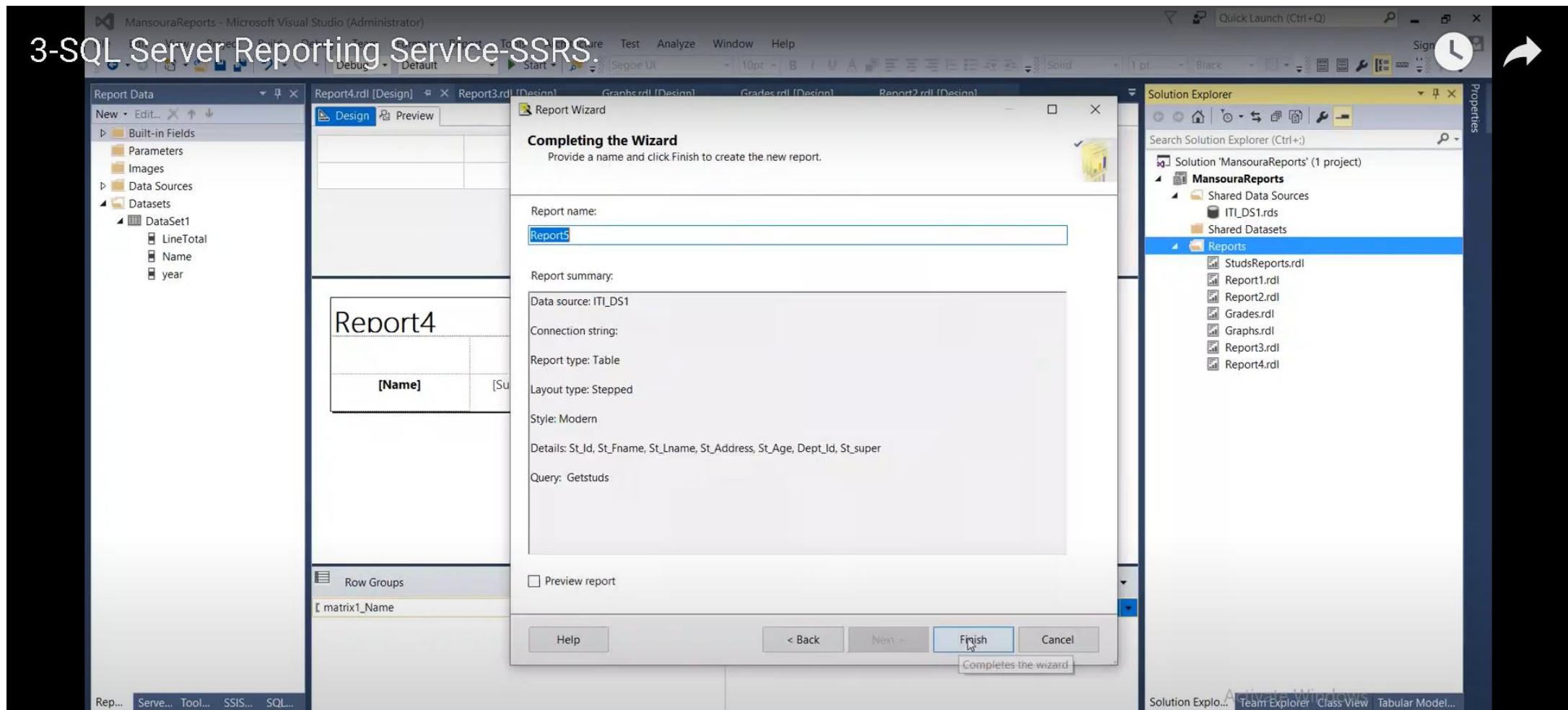
3-SQL Server Reporting Service-SSRS.



3-SQL Server Reporting Service-SSRS.



3-SQL Server Reporting Service-SSRS



3-SQL Server Reporting Service-SSRS

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design] Graphs.rdl [Design] Grades.rdl [Design]

Design Preview

Report5

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
1	Ahmed	Hassan	Cairo	20	10	
2	Amr	Magdy	Cairo	21	10	1
3	Mona	Saleh	Cairo	28	10	1
7	Ali	Hussien	Cairo	25	20	6
11	mohamed ali	Ahmed	Cairo	24	20	9
12	Noha	Omar	Cairo	21	30	

Report Data New Edit... X X Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design] Graphs.rdl [Design] Grades.rdl [Design]

1 of 1 100% Find Next

Solution Explorer

Search Solution Explorer (Ctrl+Shift+F)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl

Rep... Serve... Tool... SSIS... SQL...

Solution Explorer Team Explorer Class View Tabular Model...

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Format Report Tools Architecture Test Analyze Window Help

Report Data Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design] Graphs.rdl [Design] Grades.rdl [Design]

Design Preview

Report5

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
1	Ahmed	Hassan	Cairo	20	10	
2	Amr	Magdy	Cairo	21	10	1
3	Mona	Saleh	Cairo	28	10	1
7	Ali	Hussien	Cairo	25	20	6
11	mohamed ali	Ahmed	Cairo	24	20	9
12	Noha	Omar	Cairo	21	30	

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
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 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl

Properties

Rep... Serve... Tool... SSIS... SQL...

Solution Explorer Team Explorer Class View Tabular Model...

3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design] Graphs.rdl [Design] Grades.rdl [Design]

Design Preview

Report5

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
[St_Id]	[St_Fname]	[St_Lname]	[St_Address]	[St_Age]	[Dept_Id]	[St_super]

Row Groups Column Groups

(table1_Details_Group)

Solution Explorer Properties

Search Solution Explorer (Ctrl + F)

Solution 'MansouraReports' (1 project)

MansouraReports

- Shared Data Sources
- ITI_DS1.rds
- Shared Datasets

Report

- Add New Report
- Add
- Properties
- Alt+Enter

Graphs.rdl

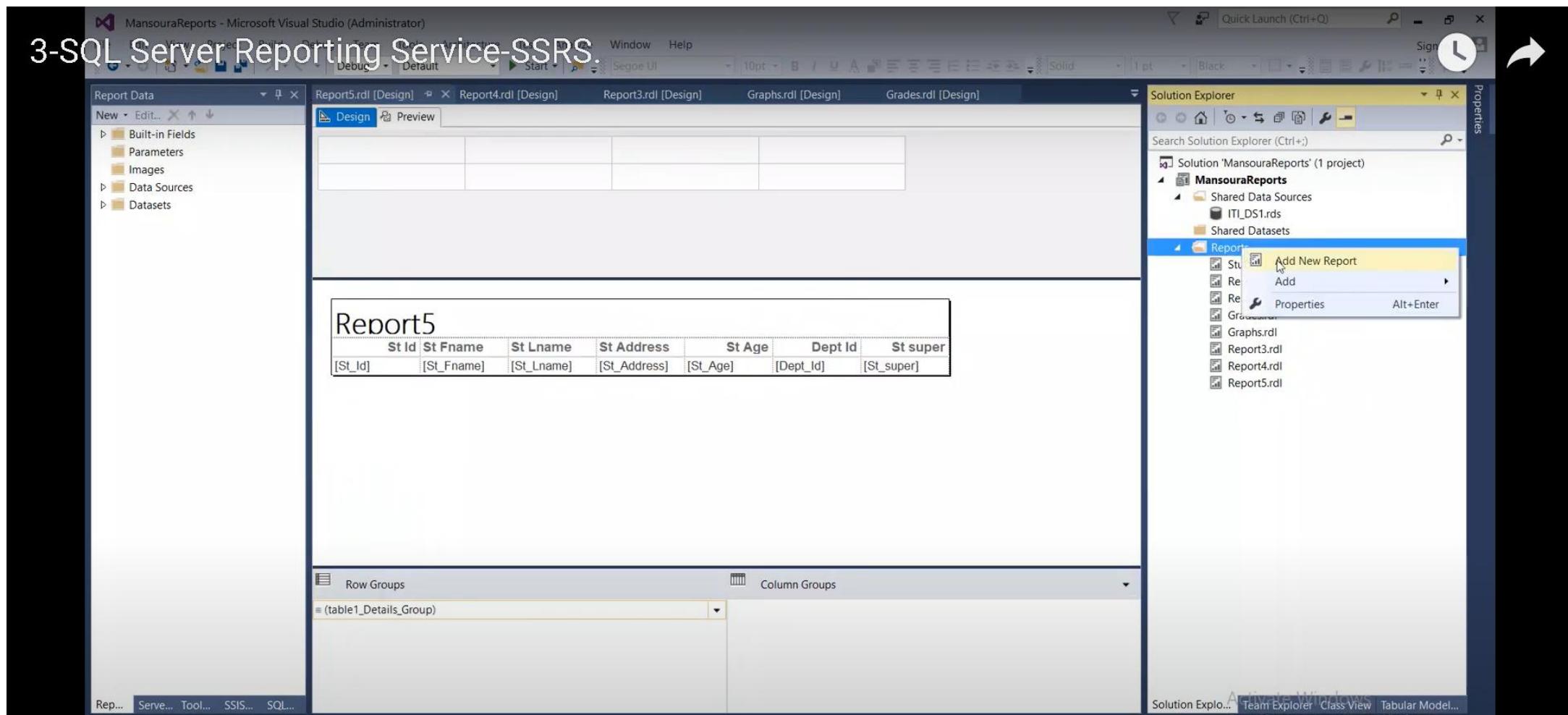
Report3.rdl

Report4.rdl

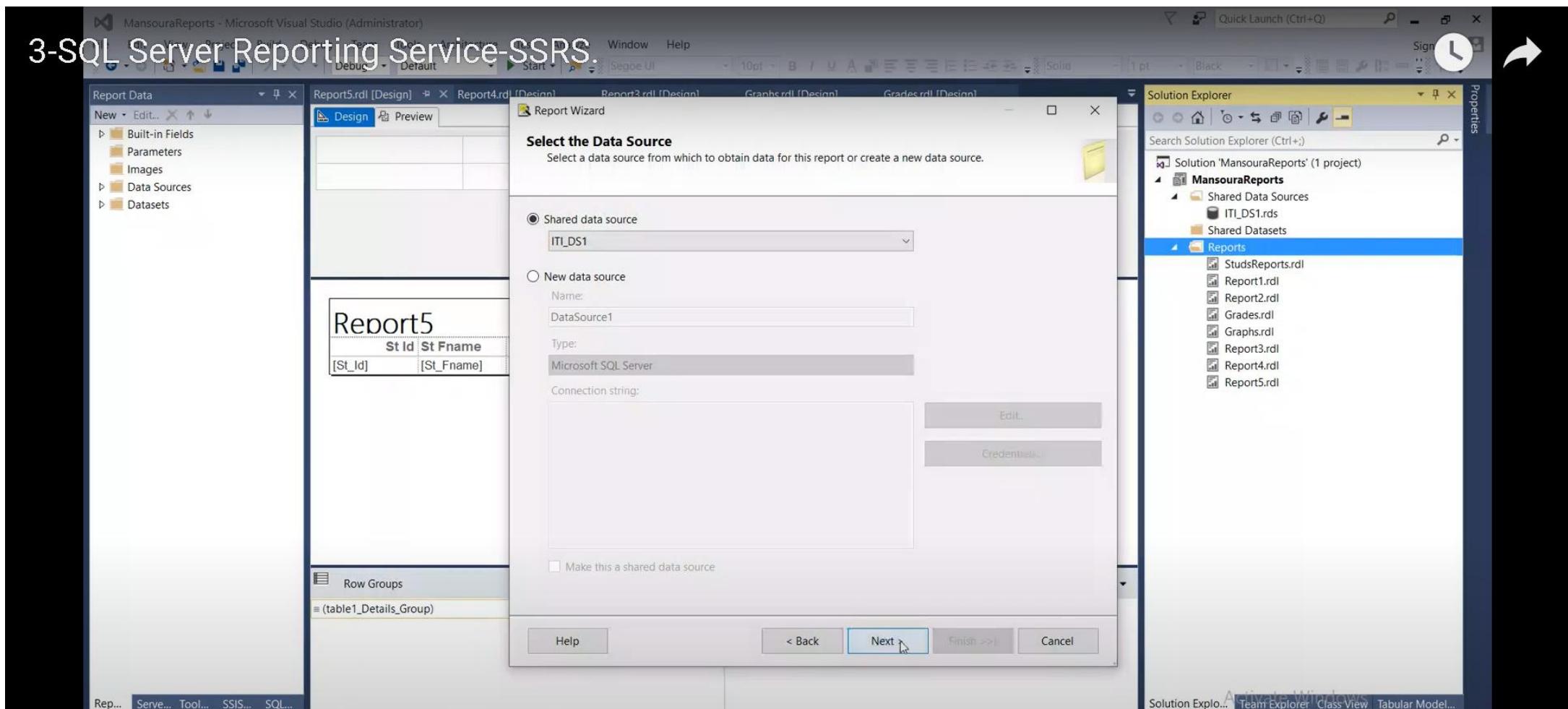
Report5.rdl

Rep... Serve... Tool... SSIS... SQL...

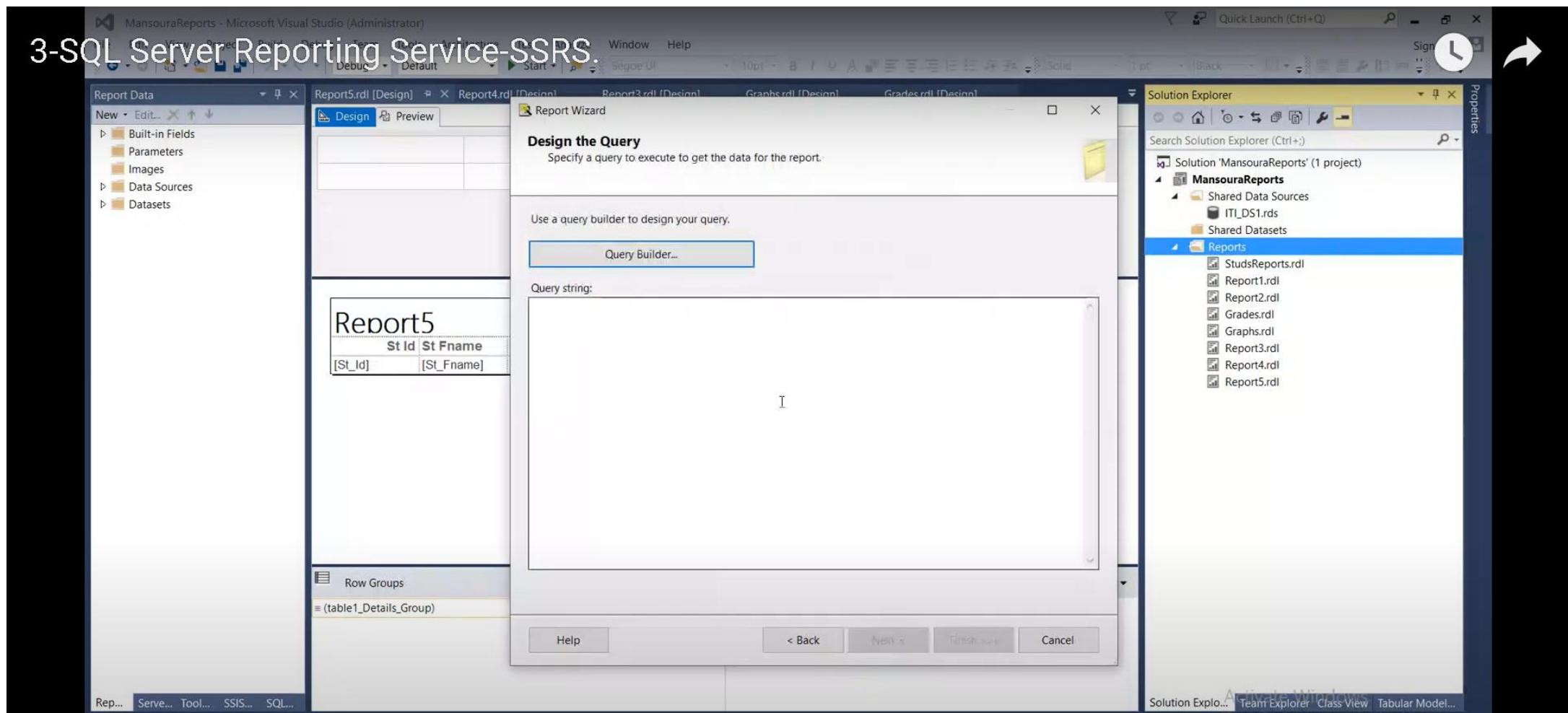
Active Windows Solution Explor... Team Explorer Class View Tabular Model...



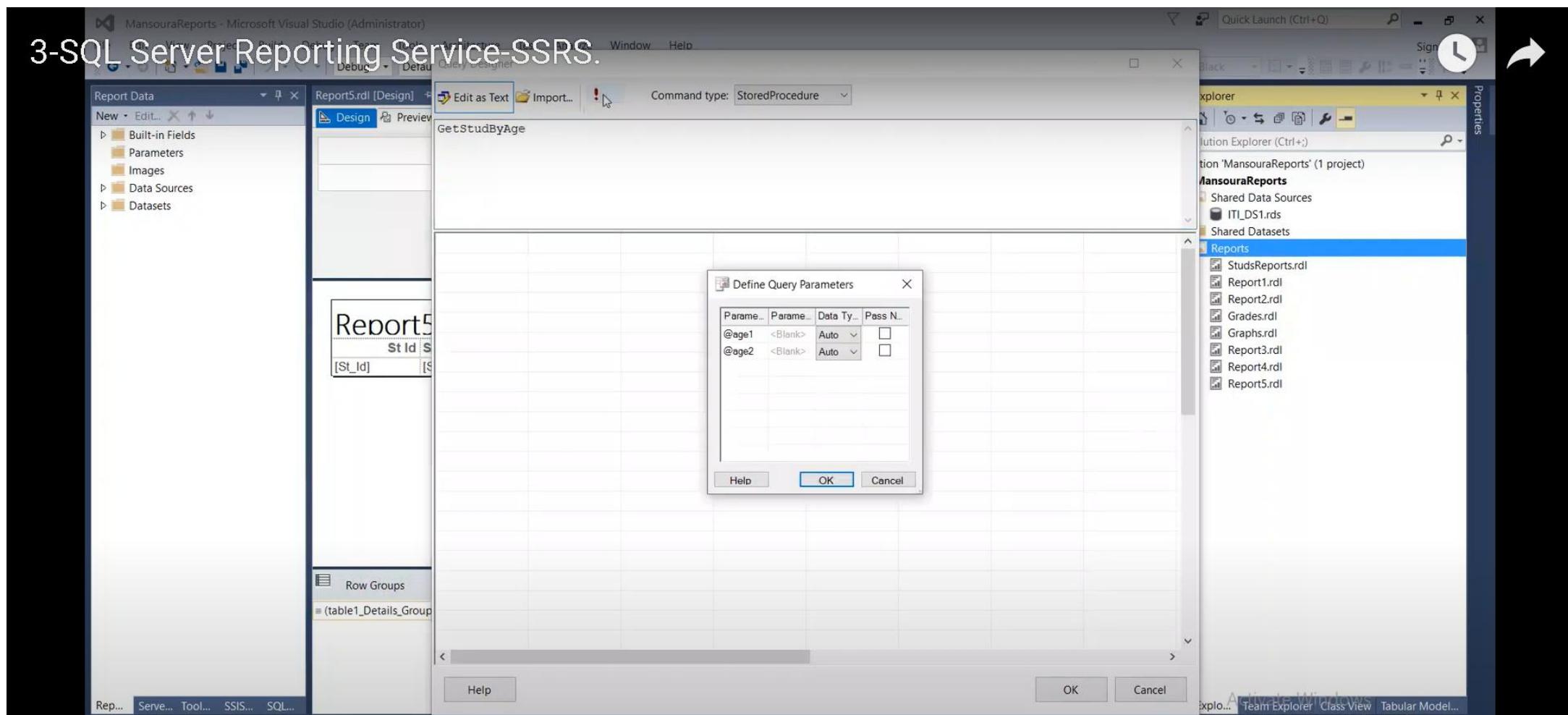
3-SQL Server Reporting Service-SSRS.

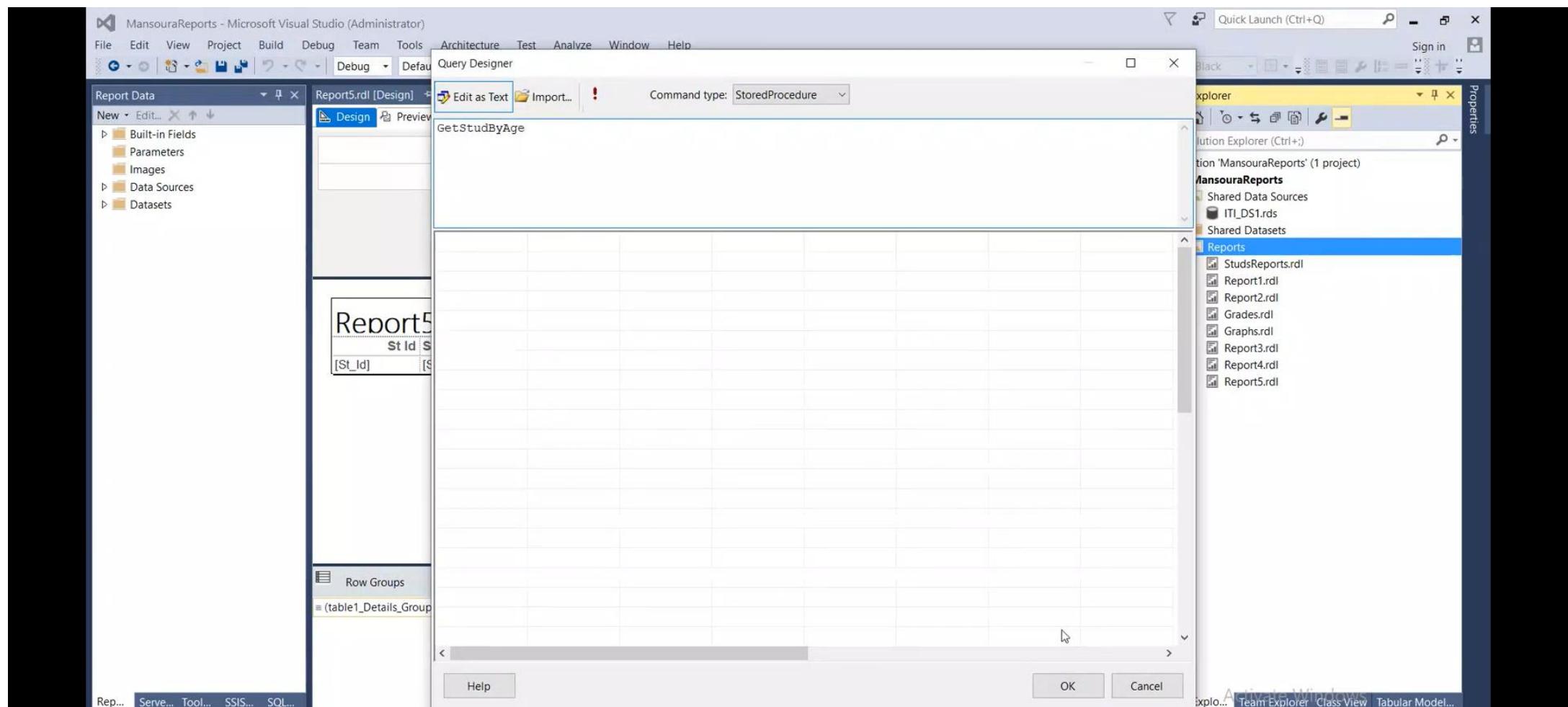


3-SQL Server Reporting Service-SSRS.



3-SQL Server Reporting Service-SSRS.





3-SQL Server Reporting Service-SSRS

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design] Graphs.rdl [Design] Grades.rdl [Design]

Debug Default Start Segoe UI 10pt Solid 1pt Black

Report Wizard

Select the Report Type

Select the type of report that you want to create.

Tabular

Matrix

Report5

St Id	St Fname
[St_Id]	[St_Fname]

Row Groups
= (table1_Details_Group)

Help < Back Next > Finish >> Cancel

Solution Explorer

Search Solution Explorer (Ctrl+F)

Solution 'MansouraReports' (1 project)

MansouraReports

- Shared Data Sources
 - ITI_DS1.rds
- Shared Datasets

Reports

- StudsReports.rdl
- Report1.rdl
- Report2.rdl
- Grades.rdl
- Graphs.rdl
- Report3.rdl
- Report4.rdl
- Report5.rdl

Activate Windows

Rep... Serve... Tool... SSIS... SQL...

3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design] Graphs.rdl [Design] Grades.rdl [Design]

Report Wizard

Design the Table

Choose how to group the data in the table.

Available fields:

- St_Lname
- St_Address
- St_Age
- Dept_Id
- St_super

Displayed fields:

- Page>
- Group>
- Details>
- Remove

Report5

St_Id	St_Fname
[St_Id]	[St_Fname]

Row Groups

(table1_Details_Group)

Solution Explorer

Search Solution Explorer (Ctrl+F)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl

Properties

Help < Back Next > Finish >> Cancel

Rep... Serve... Tool... SSIS... SQL...

Solution Explor... Team Explorer Class View Tabular Model...

Activate Windows

The screenshot displays the Microsoft Visual Studio interface for developing SQL Server Reporting Services (SSRS) reports. The title bar indicates the project is 'MansouraReports' and the version is 'Microsoft Visual Studio (Administrator)'. The main window shows the 'Report Wizard' for 'Report5.rdl' in 'Design' mode. The 'Design the Table' step is active, prompting the user to choose how to group the data in the table. On the left, the 'Report Data' pane lists various report components like Built-in Fields, Parameters, Images, Data Sources, and Datasets. The central area shows the report's structure with a table containing fields [St_Id] and [St_Fname]. The 'Available fields' list on the right includes St_Lname, St_Address, St_Age, Dept_Id, and St_super. The 'Displayed fields' list contains St_Id and St_Fname. A preview window on the left shows the current state of the report. The 'Row Groups' section at the bottom shows '(table1_Details_Group)'. The 'Solution Explorer' pane on the right lists the project structure, including shared data sources, shared datasets, and various reports like 'StudsReports.rdl', 'Report1.rdl', etc. The 'Properties' pane is visible on the far right. The bottom navigation bar includes links for Report, Serve, Tool, SSIS, and SQL.

3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design] Graphs.rdl [Design] Grades.rdl [Design]

Design Preview

Report Wizard

Design the Table

Choose how to group the data in the table.

Available fields:

Displayed fields:

Page>

Group>

Details>

Remove

St_Id St_Fname
[St_Id] [St_Fname]

Row Groups
= (table1_Details_Group)

Help < Back Next > Finish >> Cancel

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

MansouraReports

- Shared Data Sources
- ITI_DS1.rds
- Shared Datasets

Reports

- StudsReports.rdl
- Report1.rdl
- Report2.rdl
- Grades.rdl
- Graphs.rdl
- Report3.rdl
- Report4.rdl
- Report5.rdl

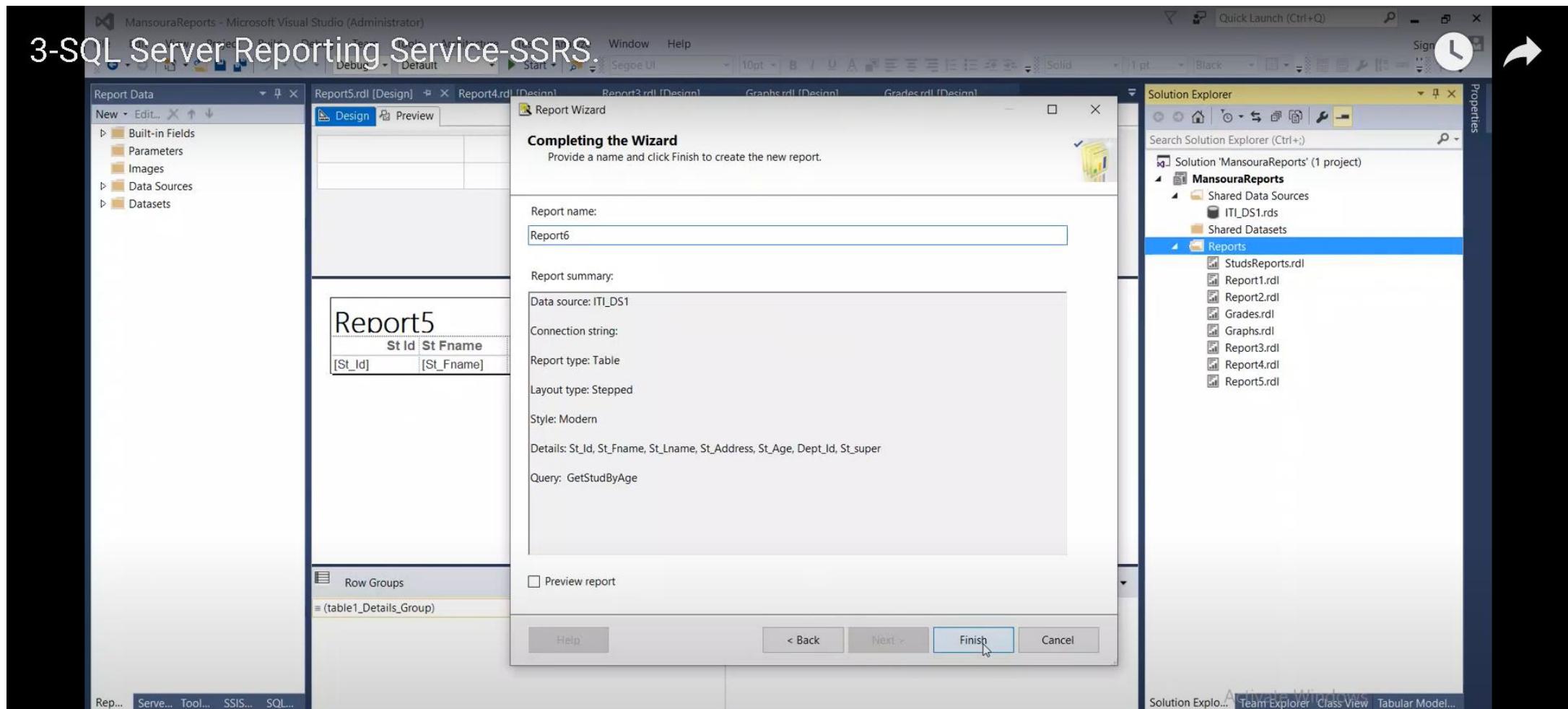
Properties

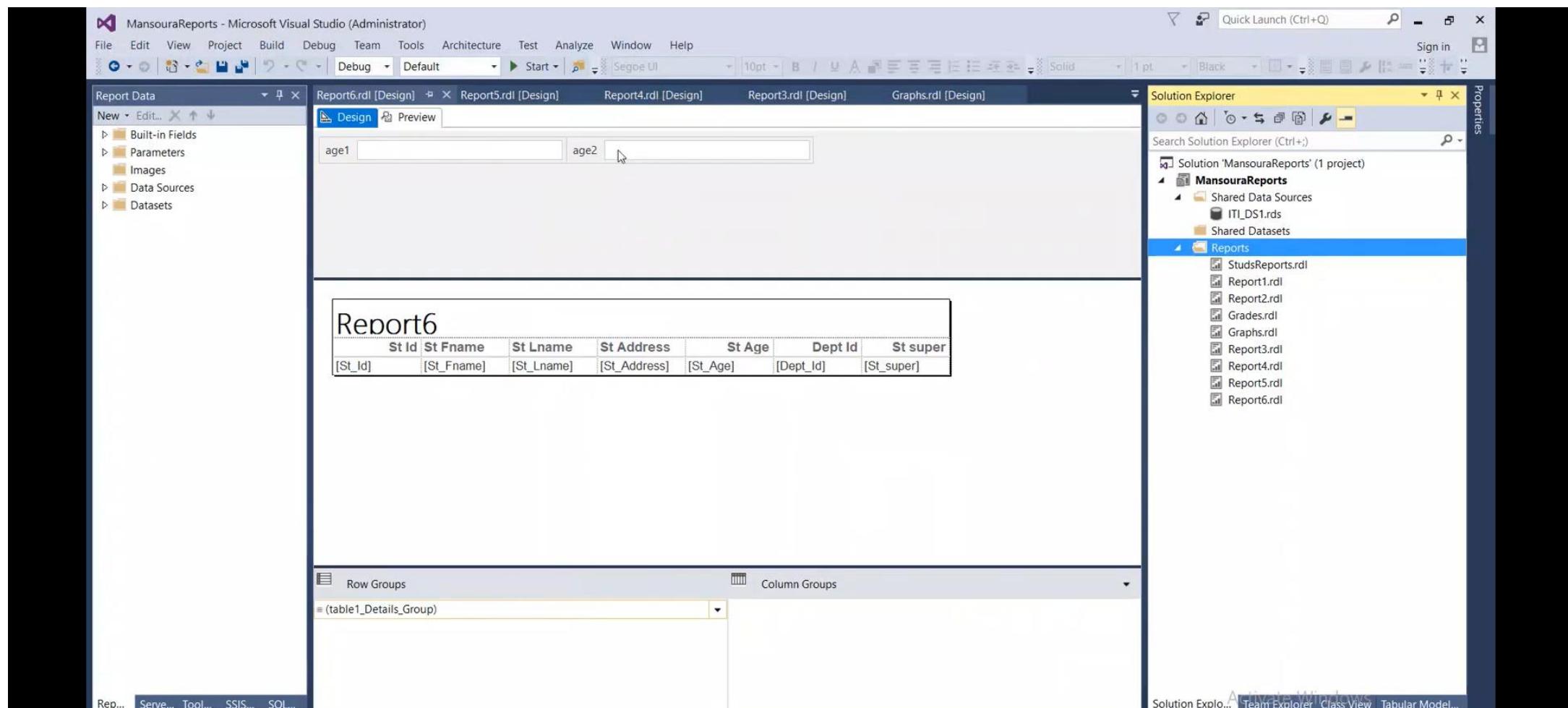
Rep... Serve... Tool... SSIS... SQL...

Activate Windows

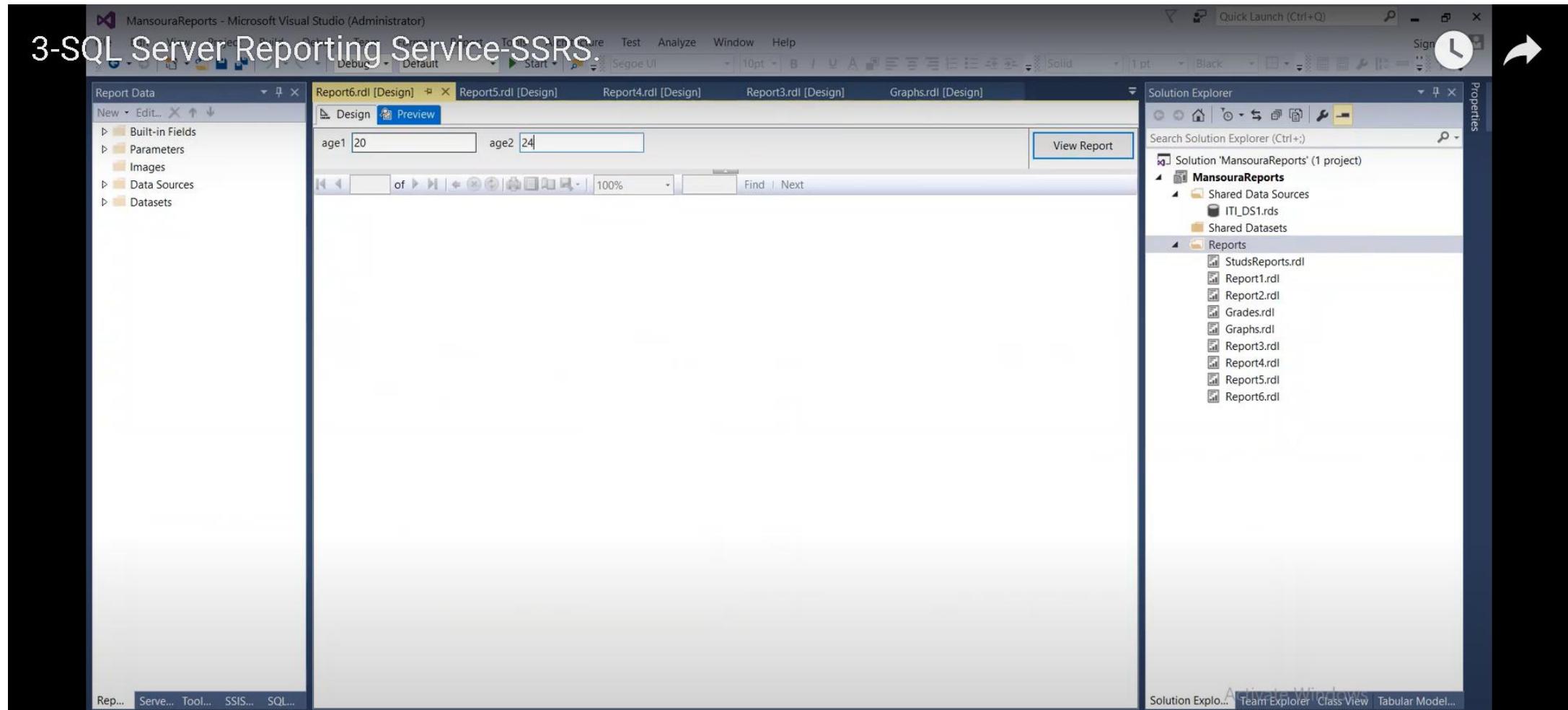
Solution Explor... Team Explorer Class View Tabular Model...

3-SQL Server Reporting Service-SSRS





3-SQL Server Reporting Service-SSRS



3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data Report6.rdl [Design] Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design] Graphs.rdl [Design]

Design Preview

age1 20 age2 24 View Report

1 of 1 Find | Next

Report6

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
1	Ahmed	Hassan	Cairo	20	10	
2	Amr	Magdy	Cairo	21	10	1
4	Mohamed	Alex		23	10	1
5	Moahmed	Alex		24	10	1
9	Saly	Ahmed	Mansoura	24	20	
10	Fady	Ali	Alex	24	20	9
11	mohamed ali	Ahmed	Cairo	24	20	9
12	Noha	Omar	Cairo	21	30	
13	Said			22	30	12
14	omar	Saleh	Tanta	22	30	
15	X			22	30	

Rep... Serve... Tool... SSIS... SQL...

Quick Launch (Ctrl+Q) Sign In

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl

Properties

Activate Windows

Solution Explor... Team Explorer Class View Tabular Model...

3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data New Edit... × Report6.rdl [Design] × Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design] Graphs.rdl [Design]

Design Preview

age1 age2

Report6

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
[St_Id]	[St_Fname]	[St_Lname]	[St_Address]	[St_Age]	[Dept_Id]	[St_super]

View Ruler
Add Page Header
Add Page Footer
Report Properties...

Row Groups Column Groups
≡ (table1_Details_Group)

Solution Explorer Properties

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

↳ MansouraReports

- ↳ Shared Data Sources
- ITI_DS1.rds
- ↳ Shared Datasets

↳ Reports

- StudsReports.rdl
- Report1.rdl
- Report2.rdl
- Grades.rdl
- Graphs.rdl
- Report3.rdl
- Report4.rdl
- Report5.rdl
- Report6.rdl

Rep... Serve... Tool... SSIS... SQL...

Activity Windows Team Explorer Class View Tabular Model... Go to Settings to activate Windows

The screenshot displays the Microsoft Visual Studio interface for developing SQL Server Reporting Services (SSRS) reports. The main window shows the 'Report Data' ribbon tab selected, with the 'Report6.rdl [Design]' tab active. The report design area contains a table with seven columns: St Id, St Fname, St Lname, St Address, St Age, Dept Id, and St super. The 'View' context menu is open, highlighting the 'Ruler' option. The 'Solution Explorer' pane on the right lists the project 'MansouraReports' containing a shared data source 'ITI_DS1.rds' and several reports including 'Report1.rdl', 'Report2.rdl', 'Grades.rdl', 'Graphs.rdl', 'Report3.rdl', 'Report4.rdl', 'Report5.rdl', and 'Report6.rdl'. The status bar at the bottom indicates 'Activity Windows'.

3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data New Edit... Design Preview

Report6.rdl [Design] Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design] Graphs.rdl [Design]

age1 age2

Report6

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
[St_Id]	[St_Fname]	[St_Lname]	[St_Address]	[St_Age]	[Dept_Id]	[St_super]

Add Page Header Add Page Footer Report Properties...

Row Groups Column Groups

(table1_Details_Group)

Rep... Serve... Tool... SSIS... SQL...

Activate Windows Solution Explor... Team Explorer Class View Tabular Model...

Quick Launch (Ctrl+Q) Sign In

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl

Properties

The screenshot displays the Microsoft Visual Studio interface for developing SQL Server Reporting Services (SSRS) reports. The main window shows the 'Report6.rdl [Design]' tab selected. The report itself consists of a single table with columns: St Id, St Fname, St Lname, St Address, St Age, Dept Id, and St super. The table has two rows: one with column headers and one with data. A context menu is open over the report area, with the 'Add Page Header' option highlighted. Below the report, the 'Row Groups' and 'Column Groups' sections are visible, showing '(table1_Details_Group)' under Row Groups. The Solution Explorer on the right lists the project 'MansouraReports' containing several shared data sources, datasets, and reports like 'Report1.rdl', 'Report2.rdl', etc. The status bar at the bottom shows standard VS navigation links like Rep..., Serve..., Tool..., etc.

3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Toolbox Report6.rdl [Design]* Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design] Graphs.rdl [Design]

Design Preview

age1 age2

Report6

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
[St_Id]	[St_Fname]	[St_Lname]	[St_Address]	[St_Age]	[Dept_Id]	[St_super]

Row Groups Column Groups

(table1_Details_Group)

Toolbox Search Toolbox Report Items Pointer Text Box Line Table Matrix Rectangle List Image Subreport Chart Gauge Map Data Bar Sparkline Indicator General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Solution Explorer

Search Solution Explorer (Ctrl+F)

Solution 'MansouraReports' (1 project)

MansouraReports

- Shared Data Sources
 - ITI_DS1.rds
- Shared Datasets
- Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl

Properties

Repo... Serve... Tool... SSIS... SQL...

Solution Explorer Team Explorer Class View Tabular Model... Go to Software to update Windows

3-SQL Server Reporting Service-SSRS:

The screenshot shows the Microsoft Visual Studio interface for developing SQL Server Reporting Services (SSRS) reports. The title bar reads "MansouraReports - Microsoft Visual Studio (Administrator)".

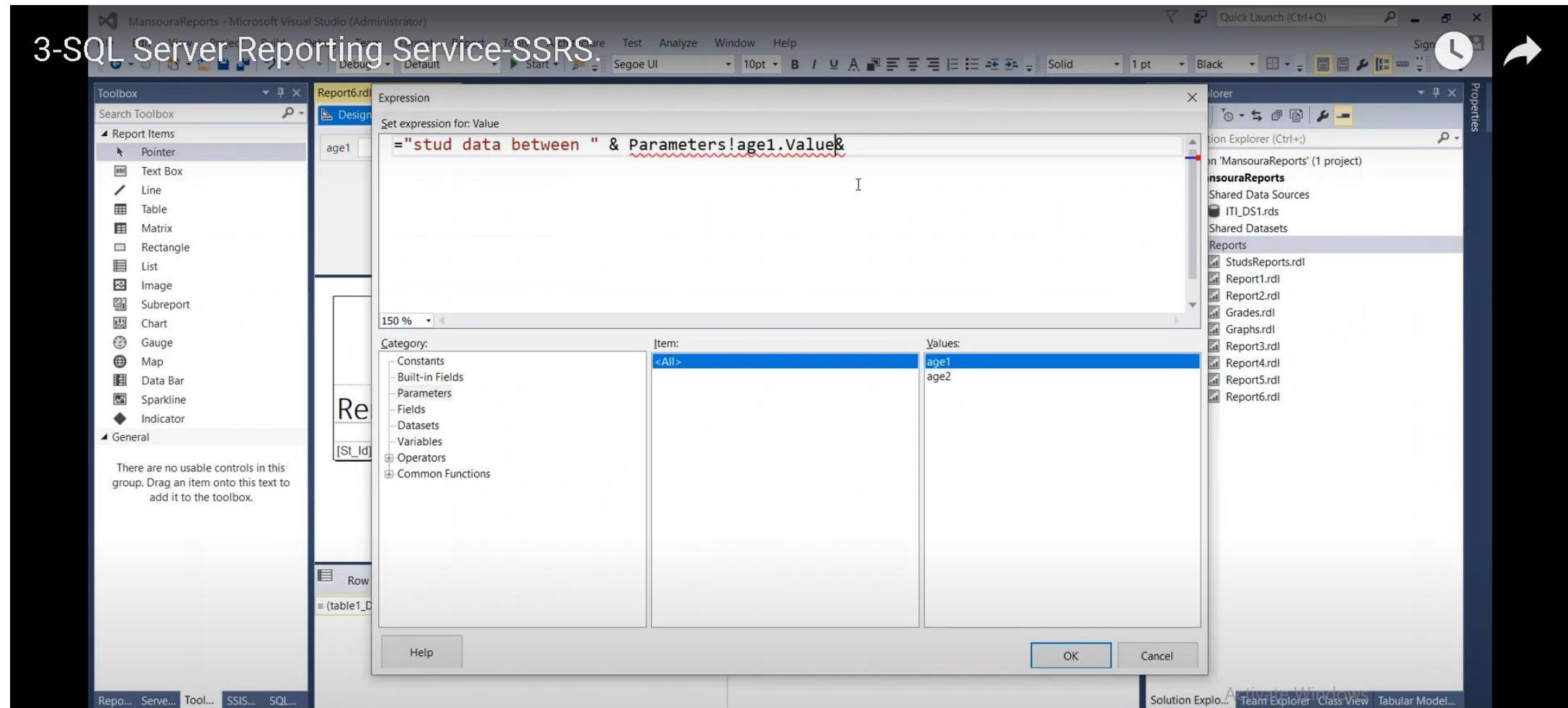
The main area displays the "Report6.rdl [Design]" report. The report contains two text boxes labeled "age1" and "age2" at the top, and a table below it. The table has three columns: "St Id", "St Fname", and "St Lname". The table also has two rows: one with columns [St_Id], [St_Fname], and [St_Lname]; and another with columns [Dept_Id] and [St_super]. A context menu is open over the second row of the table, with the "Expression..." option highlighted.

The left sidebar is the "Toolbox", which includes sections for "Report Items" (Pointer, Text Box, Line, Table, Matrix, Rectangle, List, Image, Subreport, Chart, Gauge, Map, Data Bar, Sparkline, Indicator) and "General". A message in the toolbox states: "There are no usable controls in this group. Drag an item onto this text to add it to the toolbox."

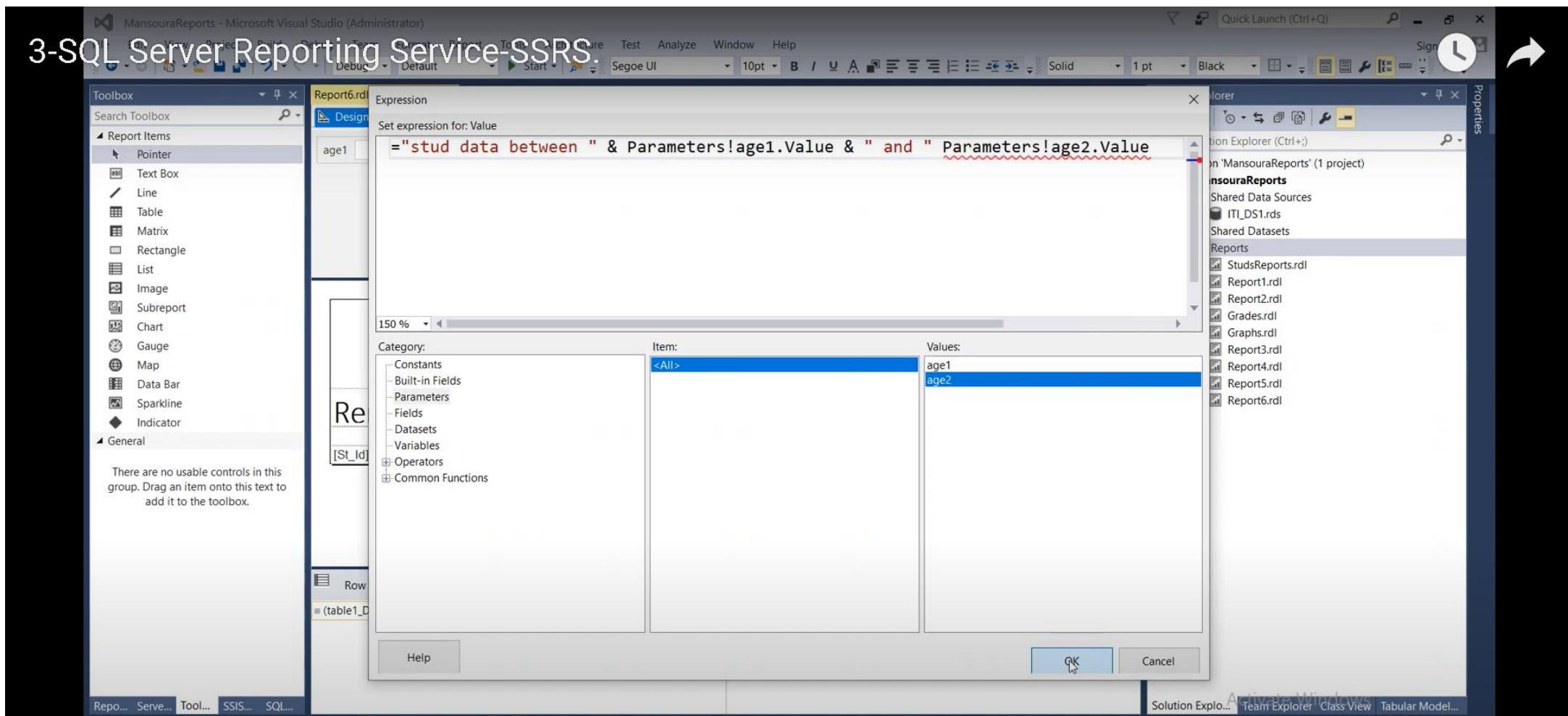
The right sidebar is the "Solution Explorer", showing the project structure under "MansouraReports": Shared Data Sources (ITI_DS1.rds), Shared Datasets, Reports (StudsReports.rdl, Report1.rdl, Report2.rdl, Grades.rdl, Graphs.rdl, Report3.rdl, Report4.rdl, Report5.rdl, Report6.rdl).

The bottom navigation bar includes links for Repo..., Serve..., Tool..., SSIS..., SQL..., Solution Explorer, Team Explorer, Class View, Tabular Model..., and Activate Windows.

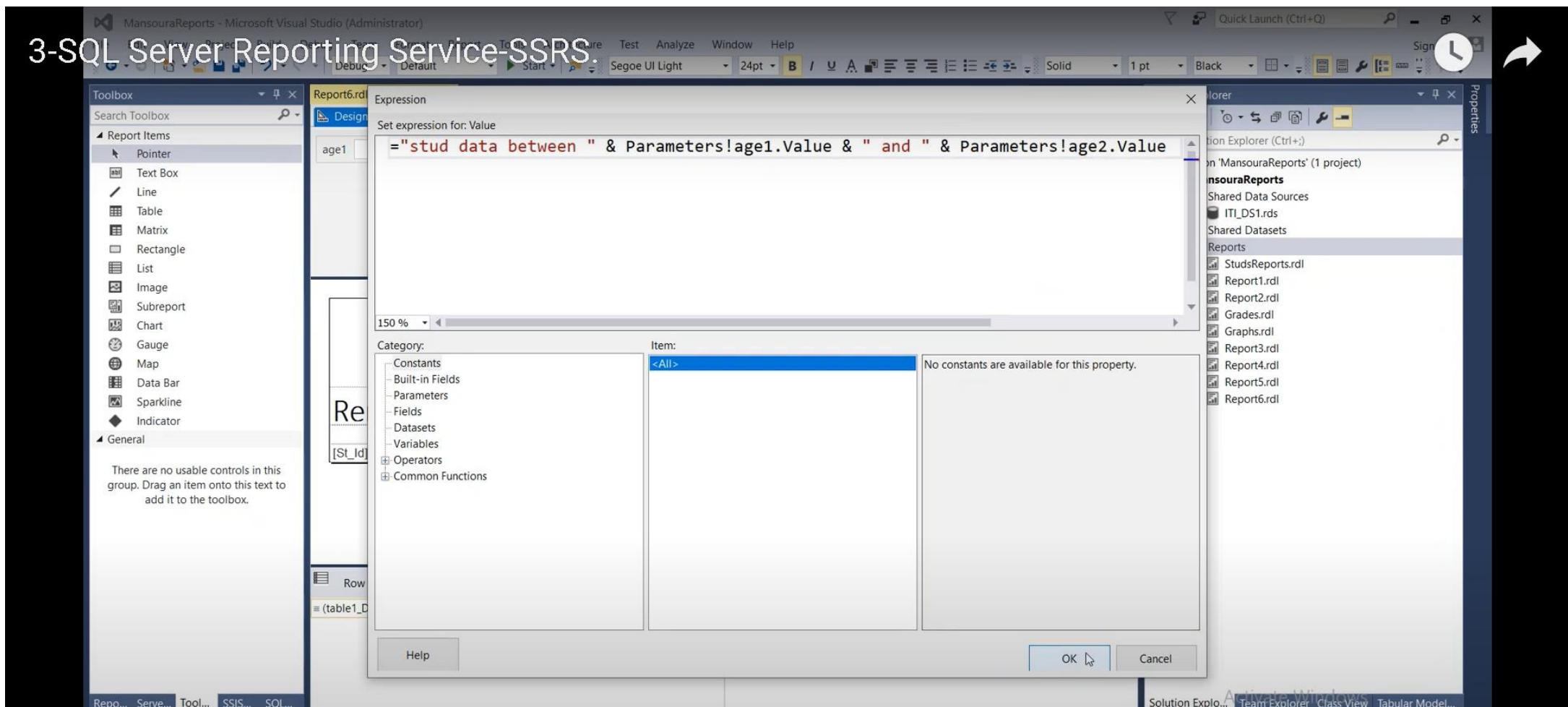
3-SQL Server Reporting Service-SSRS.



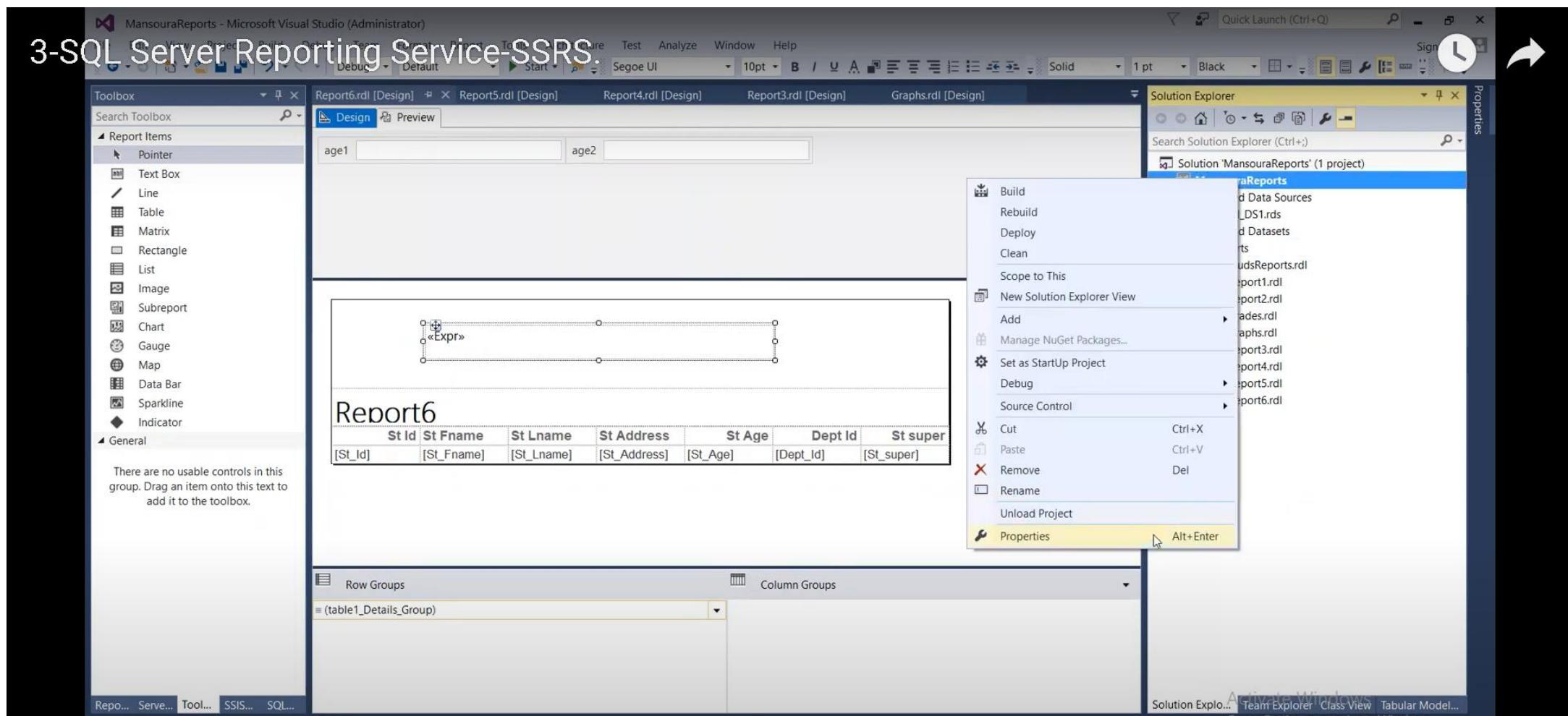
3-SQL Server Reporting Service-SSRS.



3-SQL Server Reporting Service-SSRS.



3-SQL Server Reporting Service-SSRS.



3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report6.rdl [Design] Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design] Graphs.rdl [Design]

Toolbox

Search Toolbox

Report Items

- Pointer
- Text Box
- Line
- Table
- Matrix
- Rectangle
- List
- Image
- Subreport
- Chart
- Gauge
- Map
- Data Bar
- Sparkline
- Indicator

General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Design Preview

Report6

St_Id	St_Fname	St_Lname
[St_Id]	[St_Fname]	[St_Lname]

Expr

MansouraReports Property Pages

Configuration: Active(Debug) Platform: N/A Configuration Manager...

Build

- ErrorLevel 2
- OutputPath bin\Debug

Debug

- StartItem Report3.rdl

Deployment

- OverwriteDatasets StudsReports.rdl
- OverwriteDataSources Report1.rdl
- TargetDatasetFolder Report2.rdl
- TargetDataSourceFolder Grades.rdl
- TargetReportFolder Report3.rdl
- TargetReportPartFolder Report4.rdl
- TargetServerURL Report5.rdl
- TargetServerVersion Report6.rdl

StartItem The report to execute when you start the debugger.

OK Cancel Apply

Solution Explorer

- Solution 'MansouraReports' (1 project)
 - MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets

Properties

Repo... Serve... Tool... SSIS... SQL... Solution Explo... Team Explorer Class View Tabular Model... Go to Settings to activate Windows.

Output Error List Data Tools Operations

The screenshot shows the Microsoft Visual Studio interface for developing SQL Server Reporting Services (SSRS) reports. The main area displays a report titled 'Report6' with a table structure. A context menu is open over a table row, with the option 'Select All' highlighted. In the center, the 'MansouraReports Property Pages' dialog is open, specifically the 'Build' configuration section. The 'ErrorLevel' is set to 2 and the 'OutputPath' is set to 'bin\Debug'. The 'StartItem' dropdown is set to 'Report3.rdl'. The 'Deployment' section lists several reports and datasets. The 'Properties' window is visible on the right, and the 'Solution Explorer' shows the project structure with a single project named 'MansouraReports' containing shared data sources and datasets. The status bar at the bottom indicates the output is 'Data Tools Operations'.

3-SQL Server Reporting Service-SSRS

MansouraReports - Microsoft Visual Studio (Administrator)

Report6.rdl [Design] Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design] Graphs.rdl [Design]

Design Preview

age1 age2

Report6

St Id	St Fname	St Lname
[St_Id]	[St_Fname]	[St_Lname]

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

MansouraReports Property Pages

Configuration: Active(Debug) Platform: N/A Configuration Manager...

General

Build

- ErrorLevel 2
- OutputPath bin\Debug

Debug

- StartItem Report6.rdl

Deployment

- OverwriteDatasets False
- OverwriteDataSources False
- TargetDatasetFolder Datasets
- TargetDataSourceFolder Data Sources
- TargetReportFolder MansouraReports
- TargetReportPartFolder Report Parts
- TargetServerURL http://localhost/ReportServer
- TargetServerVersion SQL Server 2016 or later

StartItem
The report to execute when you start the debugger.

OK Cancel Apply

Row Groups (table1_Details_Group)

Column Groups

Solution Explorer Team Explorer Class View Tabular Model... Activate Windows

Toolbox Search Toolbox Report Items Pointer Text Box Line Table Matrix Rectangle List Image Subreport Chart Gauge Map Data Bar Sparkline Indicator General

Repo... Serve... Tool... SSIS... SQL...

3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report6.rdl [Design] Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design] Graphs.rdl [Design]

Toolbox

Search Toolbox

Report Items

- Pointer
- Text Box
- Line
- Table
- Matrix
- Rectangle
- List
- Image
- Subreport
- Chart
- Gauge
- Map
- Data Bar
- Sparkline
- Indicator

General

Design Preview

age1 age2

Report6

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super

Expr

Solution Explorer

Search Solution Explorer (Ctrl+F)

Solution 'MansouraReports' (1 project)

MansouraReports

- Shared Data Sources
- ITI_DS1.rds
- Shared Datasets
- Reports
- StudsReports.rdl
- Report1.rdl
- Report2.rdl
- Grades.rdl
- Graphs.rdl
- Report3.rdl
- Report4.rdl
- Report5.rdl
- Report6.rdl

Properties

Output

Show output from: Build

```
Skipping 'Report2.rdl'. Item is up to date.
Skipping 'Grades.rdl'. Item is up to date.
Skipping 'Graphs.rdl'. Item is up to date.
Skipping 'Report3.rdl'. Item is up to date.
Skipping 'Report4.rdl'. Item is up to date.
Skipping 'Report5.rdl'. Item is up to date.
Skipping 'Report6.rdl'. Item is up to date.
Build complete -- 0 errors, 0 warnings
----- Deploy started: Project: MansouraReports, Configuration: Debug -----
Deploying to http://localhost/ReportServer
Deploying data source '/Data Sources/ITI_DS1'.
Warning : Cannot deploy data source ITI_DS1 to the server because it already exists and OverwriteDataSources is not specified.
Deploying report '/MansouraReports/StudsReports'.
Deploying report '/MansouraReports/Report1'.
|
```

Activate Windows
Go to Settings to activate Windows.

Output Error List... Data Tools Operations

Deploy started...

↑ Publish

3-SQL Server Reporting Service SSRS:

age1 age2

Not syncing



Activate Windows
Go to Settings to activate Windows.

3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report Toolbox

Search Toolbox

Report Items

- Pointer
- Text Box
- Line
- Table
- Matrix
- Rectangle
- List
- Image
- Subreport
- Chart
- Gauge
- Map
- Data Bar
- Sparkline
- Indicator

General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Design Preview

age1 age2

Expr

Report6

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
[St_Id]	[St_Fname]	[St_Lname]	[St_Address]	[St_Age]	[Dept_Id]	[St_super]

Row Groups

Column Groups

(table1_Details_Group)

Solution Explorer

Search Solution Explorer (Ctrl+F)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - Add_New_Report
 - Add
 - Properties Alt+Enter
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl

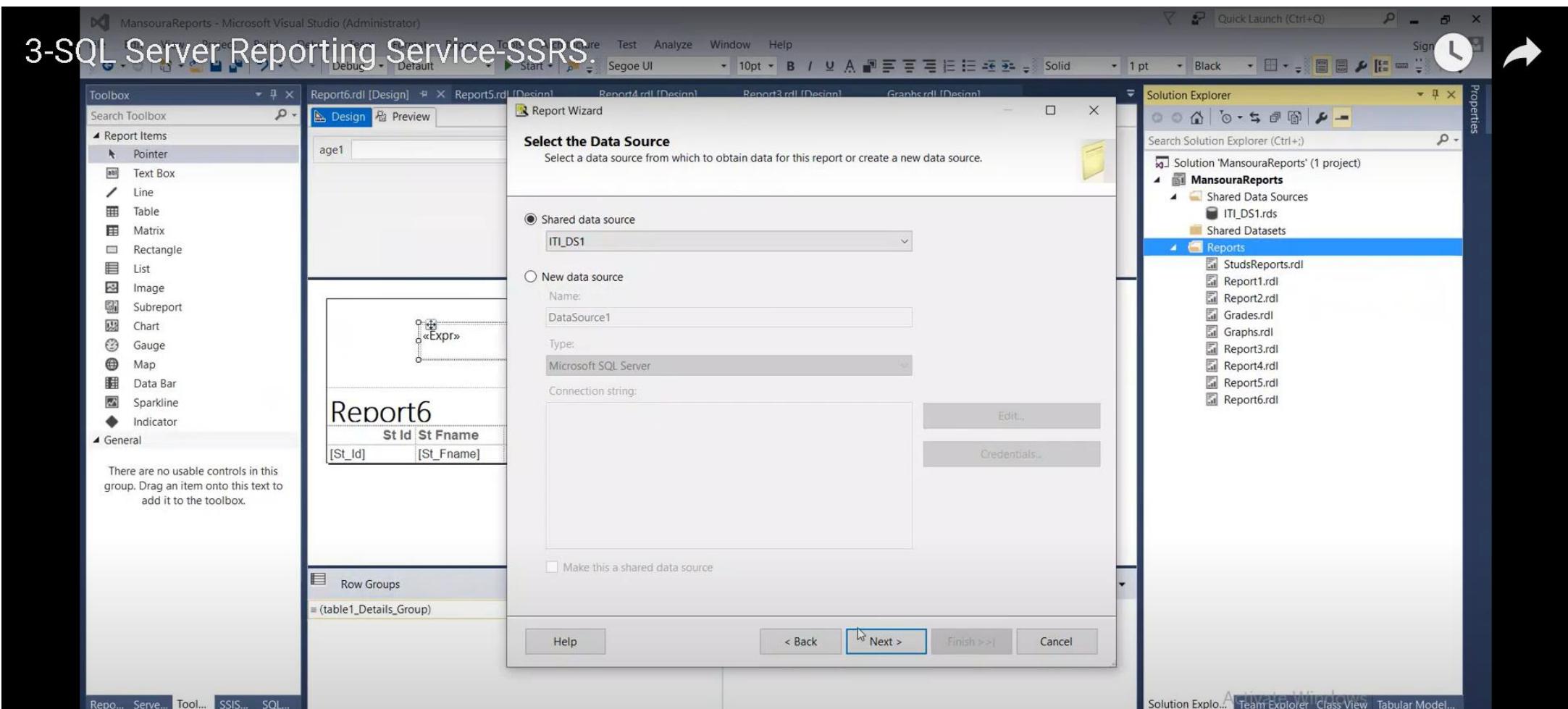
Properties

Alt+Enter

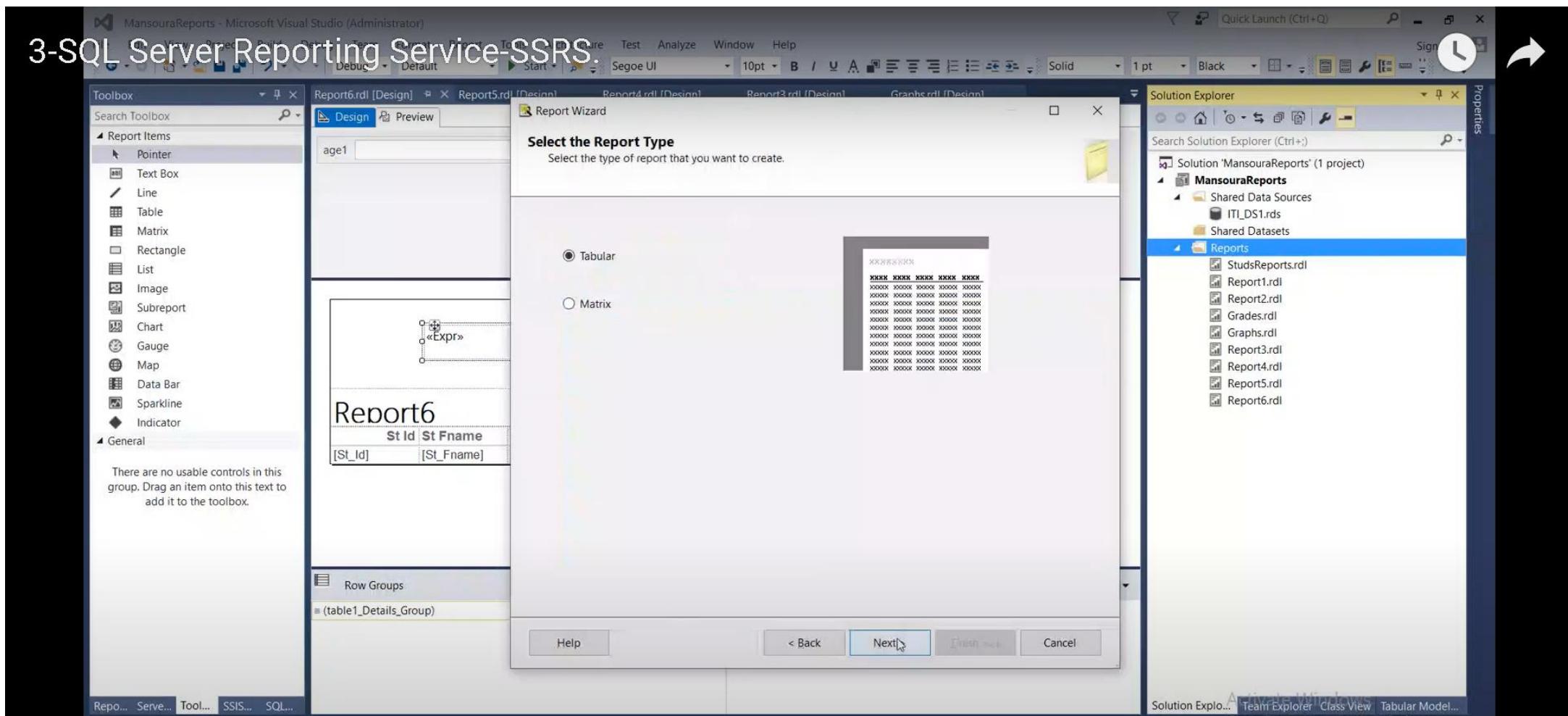
Repo... Serve... Tool... SSIS... SQL...

Solution Explorer Team Explorer Class View Tabular Model... Go to Settings to activate Windows.

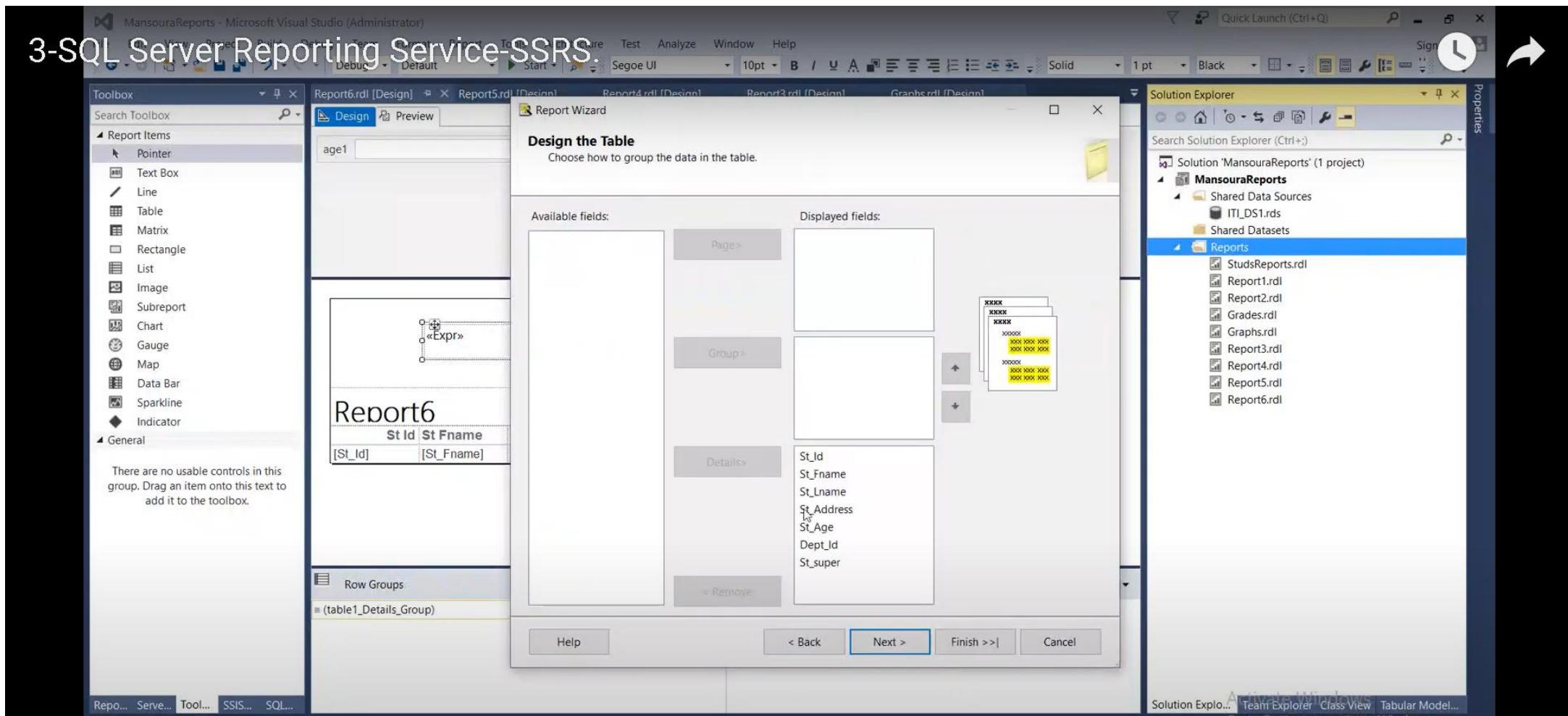
3-SQL Server Reporting Service-SSRS.



3-SQL Server Reporting Service-SSRS.



3-SQL Server Reporting Service-SSRS.



3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report6.rdl [Design] Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design] Graphs.rdl [Design]

Toolbox

Report Items

- Pointer
- Text Box
- Line
- Table
- Matrix
- Rectangle
- List
- Image
- Subreport
- Chart
- Gauge
- Map
- Data Bar
- Sparkline
- Indicator

General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Design Preview

Report Wizard

Completing the Wizard

Provide a name and click Finish to create the new report.

Report name: Report7

Report summary:

Data source: ITI_DS1

Connection string:

Report type: Table

Layout type: Stepped

Style: Modern

Details: St_Id, St_Fname, St_Lname, St_Address, St_Age, Dept_Id, St_super

Query: Select *
from student
where dept_id=@did

Preview report

Help < Back Next > **Finish** Cancel

Solution Explorer

Search Solution Explorer (Ctrl + F)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl

Properties

Active Windows

Repo... Serve... Tool... SSIS... SQL...

3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Window Help

Toolbox Search Toolbox Report Items Pointer Text Box Line Table Matrix Rectangle List Image Subreport Chart Gauge Map Data Bar Sparkline Indicator General

Report7.rdl [Design] Report6.rdl [Design] Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design]

Design Preview did

Report7

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
[St_Id]	[St_Fname]	[St_Lname]	[St_Address]	[St_Age]	[Dept_Id]	[St_super]

Row Groups Column Groups

=(table1_Details_Group)

Solution Explorer

Search Solution Explorer (Ctrl+F)

Solution 'MansouraReports' (1 project)

MansouraReports

- Shared Data Sources
- ITI_DS1.rds
- Shared Datasets
- Reports
- StudsReports.rdl
- Report1.rdl
- Report2.rdl
- Grades.rdl
- Graphs.rdl
- Report3.rdl
- Report4.rdl
- Report5.rdl
- Report6.rdl
- Report7.rdl

Properties

Repo... Serve... Tool... SSIS... SQL...

Activate Windows

Solution Explor... Team Explorer Class View Tabular Model...

The screenshot shows the Microsoft Visual Studio interface for developing SQL Server Reporting Services (SSRS) reports. The title bar indicates the project is 'MansouraReports' and it's running as an administrator. The menu bar includes 'Window' and 'Help'. The toolbar has standard icons for file operations. The 'Toolbox' is open on the left, showing various report items like Pointer, Text Box, Line, Table, etc. The 'Solution Explorer' on the right lists the project structure, including shared data sources, datasets, and multiple reports (Report1.rdl through Report7.rdl). The main workspace shows the design view of 'Report7.rdl'. It features a table with columns: St Id, St Fname, St Lname, St Address, St Age, Dept Id, and St super. A single data row is present with placeholders for each column. Below the table, the 'Row Groups' and 'Column Groups' panes are visible, showing a single row group named '(table1_Details_Group)'. The status bar at the bottom provides navigation links for the solution explorer, team explorer, class view, and tabular model.

3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report7.rdl [Design] Report6.rdl [Design] Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design]

Toolbox Search Toolbox Report Items Pointer Text Box Line Table Matrix Rectangle List Image Subreport Chart Gauge Map Data Bar Sparkline Indicator General

did 10 View Report

1 of 1 Find | Next

Report7

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
1	Ahmed	Hassan	Cairo	20	10	
2	Amr	Magdy	Cairo	21	10	1
3	Mona	Saleh	Cairo	28	10	1
4	Mohamed	Alex		23	10	1
5	Moahmed	Alex		24	10	1

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Solution Explorer Properties

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl

Solution Explo... Team Explorer Class View Tabular Model...

3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data New Edit... X

Report7.rdl [Design] X Report6.rdl [Design] Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design]

Design Preview did

Report7

St_Id	St_Fname	St_Lname	St_Address	St_Age	Dept_Id	St_super
[St_Id]	[St_Fname]	[St_Lname]	[St_Address]	[St_Age]	[Dept_Id]	[St_super]

Row Groups Column Groups

= (table1_Details_Group)

Report... Serve... Tool... SSIS... SQL...

Solution Explorer Properties

Search Solution Explorer (Ctrl+;) Solution 'MansouraReports' (1 project) MansouraReports Shared Data Sources ITI_DS1.rds Shared Datasets Reports StudsReports.rdl Report1.rdl Report2.rdl Grades.rdl Graphs.rdl Report3.rdl Report4.rdl Report5.rdl Report6.rdl Report7.rdl

Activate Windows Solution Explor... Team Explorer Class View Tabular Model...

3-SQL Server Reporting Service-SSRS

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data Report7.rdl [Design]* Report6.rdl [Design] Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design]

Design Preview did

Report Data

- New
- Edit...
- did
- Built-in Fields
- Parameters
- Images
- Data Sources
- Datasets
 - Studs
 - St_Id
 - St_Fname
 - St_Lname
 - St_Address
 - St_Age
 - Dept_Id
 - St_Super

Add Dataset...

Report7

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
[St_Id]	[St_Fname]	[St_Lname]	[St_Address]	[St_Age]	[Dept_Id]	[St_super]

Row Groups Column Groups

=(table1_Details_Group)

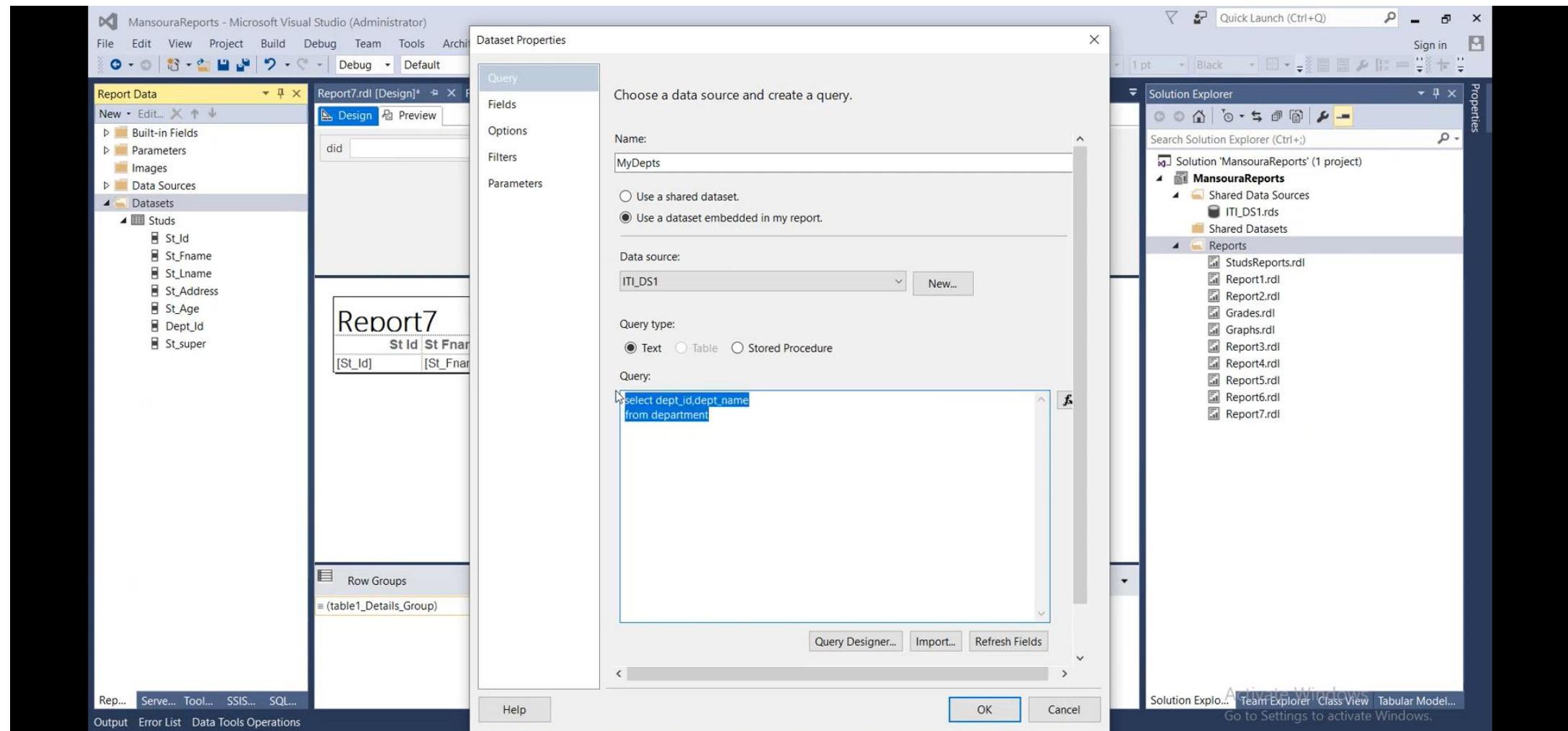
Solution Explorer Properties

Search Solution Explorer (Ctrl+F)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl

Activate Windows



3-SQL Server Reporting Service-SSRS.

The screenshot shows the Microsoft Visual Studio interface for creating a dataset in a report. The main window displays the 'Report Data' pane on the left, which lists 'Report7.rdl [Design]*' and various report items like 'Report7' and 'Row Groups'. The 'Datasets' section is selected, showing a list of datasets including 'Studs' (with fields St_Id, St_Fname, St_Lname, St_Address, St_Age, Dept_Id, St_Super) and 'Parameters'. A 'Dataset Wizard' dialog box is open in the center, titled 'Dataset Wizard - Report7.rdl'. It asks 'Choose a data source and create a query.' The 'Name:' field contains 'MyDepts'. The 'Data source:' dropdown is set to 'ITI_DS1'. The 'Query type:' section has 'Text' selected. The 'Query:' text area contains the SQL query:

```
select dept_id,dept_name  
from department
```

. At the bottom of the dialog are buttons for 'Query Designer...', 'Import...', 'Refresh Fields', 'OK', and 'Cancel'. The 'OK' button is highlighted with a mouse cursor. To the right of the dialog is the 'Solution Explorer' pane, which shows a project named 'MansouraReports' containing 'Shared Data Sources' (ITI_DS1.rds) and 'Reports' (StudsReports.rdl, Report1.rdl, Report2.rdl, Grades.rdl, Graphs.rdl, Report3.rdl, Report4.rdl, Report5.rdl, Report6.rdl, Report7.rdl). The status bar at the bottom of the screen includes links for 'Activate Windows', 'Team Explorer', 'Class View', 'Tabular Model...', and 'Go to Settings to activate Windows.'

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Tools Archi... Debug Default

Report Data Report7.rdl [Design]* Design Preview did

Report Parameter Properties

General Available Values Default Values Advanced

Name: did

Prompt: did

Data type: Text

Allow blank value ("")
 Allow null value
 Allow multiple values

Select parameter visibility:

Visible
 Hidden
 Internal

OK Cancel Help

Solution Explorer Search Solution Explorer (Ctrl+F) Sign in 1 pt Black Properties

Solution 'MansouraReports' (1 project)

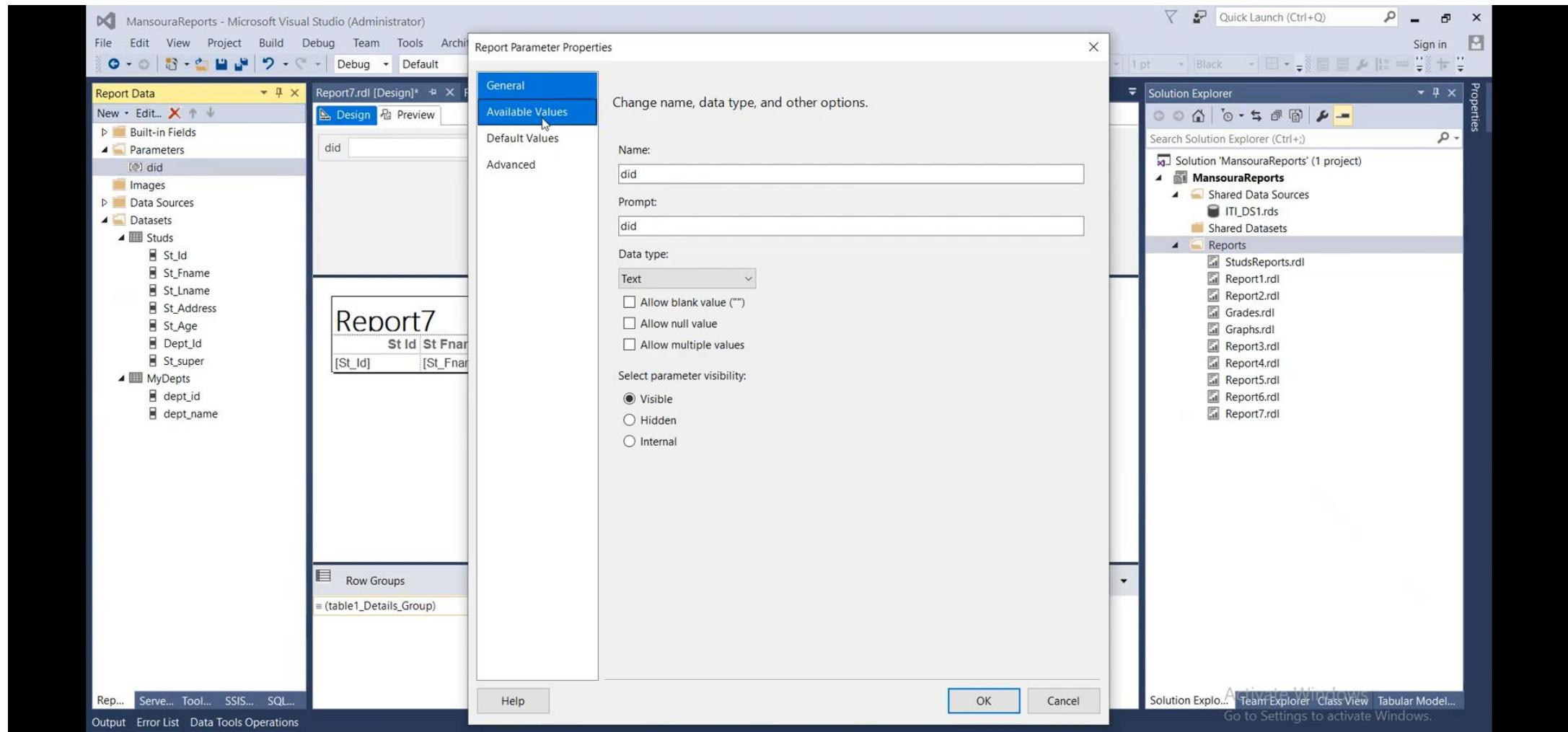
MansouraReports

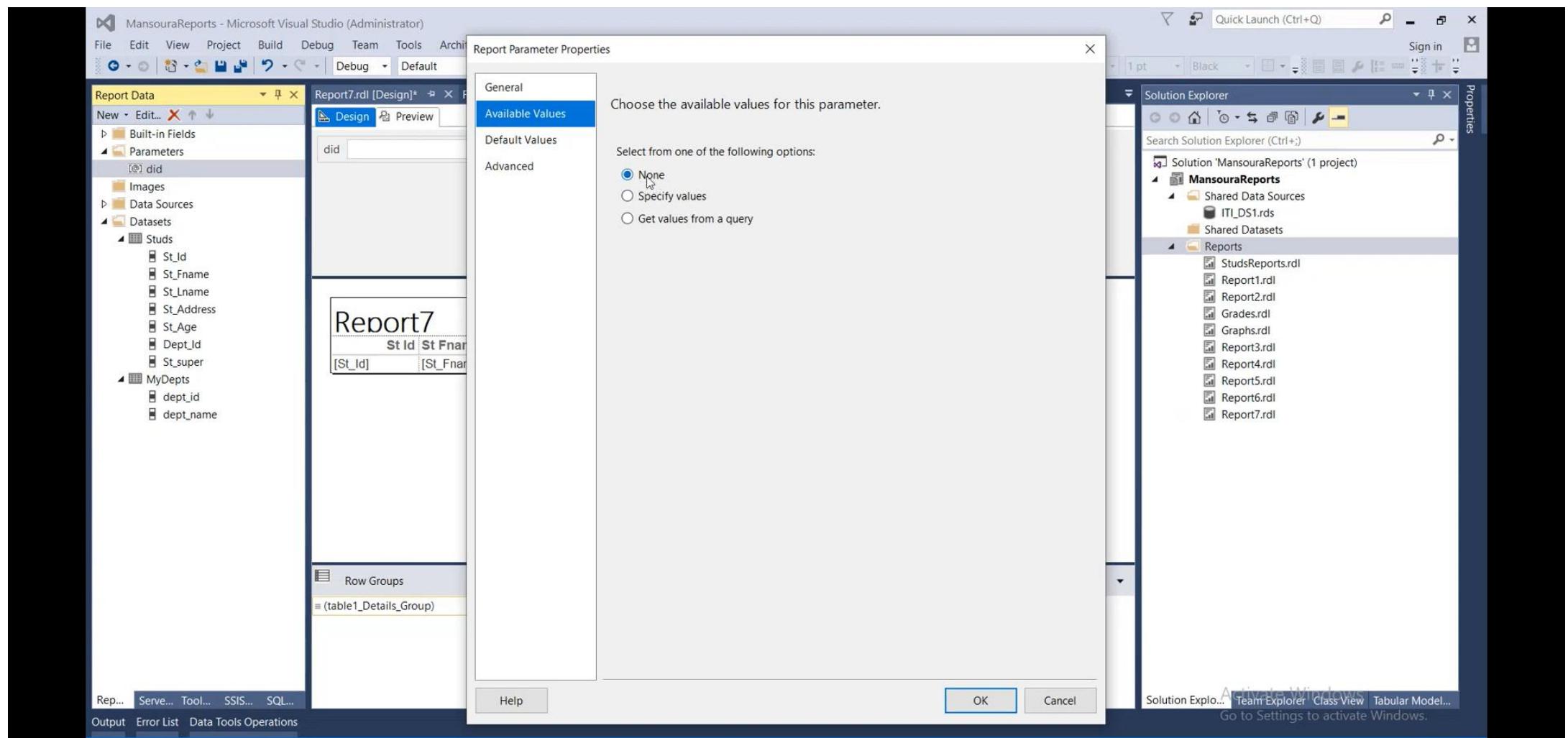
Shared Data Sources ITI_DS1.rds Shared Datasets Reports

StudsReports.rdl Report1.rdl Report2.rdl Grades.rdl Graphs.rdl Report3.rdl Report4.rdl Report5.rdl Report6.rdl Report7.rdl

Output Error List Data Tools Operations

Rep... Serve... Tool... SSIS... SQL... Active Windows Team Explorer Class View Tabular Model... Go to Settings to activate Windows.





MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Tools Archi... Debug Default

Report Data Report7.rdl [Design]* Design Preview

New Edit... X ↑ ↓ Report Data

Built-in Fields

Parameters did

Images

Data Sources

Datasets

Studs

- St_Id
- St_Fname
- St_Lname
- St_Address
- St_Age
- Dept_Id
- St_Super

MyDepts

- dept_id
- dept_name

Report7

St_Id	St_Fname
[St_Id]	[St_Fname]

Row Groups (table1_Details_Group)

Report... Serve... Tool... SSIS... SQL... Output Error List Data Tools Operations

Report Parameter Properties

General Available Values Default Values Advanced

Choose the available values for this parameter.

Select from one of the following options:

None

Specify values

Get values from a query

Add Delete

Label	Value
	(Null)
	(Null)
	(Null)
	(Null)

OK Cancel Help

Solution Explorer Search Solution Explorer (Ctrl+F) Sign in

MansouraReports

- Shared Data Sources
- ITI_DS1.rds
- Shared Datasets
- Reports

 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl

Properties

Activate Windows Team Explorer Class View Tabular Model... Go to Settings to activate Windows.

The screenshot displays the Microsoft Visual Studio interface for a project named 'MansouraReports'. The main window shows the 'Report7.rdl [Design]' view, featuring a table with columns 'St_Id' and 'St_Fname'. Below the table, a row group named '(table1_Details_Group)' is visible. On the left, the 'Report Data' pane lists various datasets and parameters, including 'Studs' and 'MyDepts'. A context menu is open over the 'did' parameter in the 'Parameters' section. A modal dialog box, 'Report Parameter Properties', is centered on the screen. It has tabs for 'General', 'Available Values' (which is selected), 'Default Values', and 'Advanced'. Under 'Available Values', it says 'Choose the available values for this parameter.' and 'Select from one of the following options:'. There are three radio button options: 'None' (unchecked), 'Specify values' (checked), and 'Get values from a query' (unchecked). Below this is a table with four rows for adding values. Each row has a 'Label' field (empty by default) and a 'Value' field containing '(Null)', with a 'fx' button to the right of each. At the bottom of the dialog are 'OK', 'Cancel', and 'Help' buttons. To the right of the main window, the 'Solution Explorer' shows the project structure with files like 'ITI_DS1.rds', 'Report1.rdl' through 'Report7.rdl', and 'StudsReports.rdl'. The 'Properties' window is also partially visible. The status bar at the bottom includes links for 'Report...', 'Serve...', 'Tool...', 'SSIS...', 'SQL...', 'Output', 'Error List', and 'Data Tools Operations', along with activation information for Microsoft Windows.

3-SQL Server Reporting Service SSRS:

The screenshot shows the Microsoft Visual Studio interface for developing SQL Server Reporting Services (SSRS) reports. The main window displays the Report Designer for 'Report7.rdl'. On the left, the 'Report Data' pane lists datasets and their fields, such as 'Studs' (St_Id, St_Fname, St_Lname, St_Address, St_Age, Dept_Id, St_super) and 'MyDepts' (dept_id, dept_name). The report preview shows a table with columns 'St Id' and 'St Fname'. A parameter configuration dialog is open over the report preview, titled 'Choose the available values for this parameter.' It has three tabs: General (selected), Available Values, and Default Values. Under 'Available Values', the parameter name 'did' is listed. The 'Select from one of the following options:' section contains three radio buttons: 'None', 'Specify values', and 'Get values from a query', with the latter being selected. Below this, a dropdown menu labeled 'Dataset: (Warning: Possible performance impact)' is shown, followed by 'Value field:' and 'Label field:' dropdowns. At the bottom of the dialog are 'OK' and 'Cancel' buttons. The Solution Explorer on the right shows the project 'MansouraReports' containing a 'Shared Data Sources' folder with 'ITI_DS1.rds', a 'Shared Datasets' folder, and a 'Reports' folder containing multiple report files: 'StudsReports.rdl', 'Report1.rdl', 'Report2.rdl', 'Grades.rdl', 'Graphs.rdl', 'Report3.rdl', 'Report4.rdl', 'Report5.rdl', 'Report6.rdl', and 'Report7.rdl'. The status bar at the bottom includes links for 'Rep...', 'Serve...', 'Tool...', 'SSIS...', 'SQL...', 'Output', 'Error List', and 'Data Tools Operations', along with activation and team explorer links.

3-SQL Server Reporting Service SSRS:

The screenshot shows the Microsoft Visual Studio interface for a SQL Server Reporting Service (SSRS) project named 'MansouraReports'. The main window displays the 'Report Data' pane on the left, which lists various datasets and parameters. A context menu is open over a parameter named 'did'. The 'Properties' dialog box is displayed, specifically the 'Available Values' tab for the 'did' parameter. The dialog title is 'Choose the available values for this parameter.' It contains three options: 'None', 'Specify values', and 'Get values from a query', with the latter being selected. Below this, there is a dropdown for 'Dataset' labeled 'MyDepts' (with a warning about performance impact), and dropdowns for 'Value field' and 'Label field', both currently empty. At the bottom of the dialog are 'OK' and 'Cancel' buttons. To the right of the dialog, the 'Solution Explorer' pane shows the project structure, including shared data sources and reports like 'Report1.rdl' through 'Report7.rdl'. The bottom right corner of the screen has a watermark that says 'Activate Windows'.

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Tools Archi

Report Data Report7.rdl [Design]*

New Edit... did

Built-in Fields Parameters Images Data Sources Datasets

Studs MyDepts

- St_Id St_Fname St_Lname St_Address St_Age Dept_Id St_Super
- dept_id dept_name

Report7

St_Id	St_Fname
[St_Id]	[St_Fname]

Row Groups (table1_Details_Group)

Report7.rdl [Design] Preview

Report Parameter Properties

General Available Values Default Values Advanced

Choose the available values for this parameter.

Select from one of the following options:

None
 Specify values
 Get values from a query

Dataset: (Warning: Possible performance impact)

MyDepts

Value field: dept_id

Label field:

OK Cancel Help

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl

Properties

Sign in

1 pt Black

Quick Launch (Ctrl+Q)

Apply to Windows Go to Settings to activate Windows.

Output Error List Data Tools Operations

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Tools Archi... Debug Default

Report Data Report7.rdl [Design]* Design Preview did

Report Parameter Properties

General Available Values Default Values Advanced

Choose the available values for this parameter.

Select from one of the following options:

None
 Specify values
 Get values from a query

Dataset: (Warning: Possible performance impact)

MyDepts

Value field: dept_id

Label field: dept_name

Report7

St Id St Fname

[St_Id] [St_Fname]

Row Groups (table1_Details_Group)

Help OK Cancel

Solution Explorer Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

MansouraReports

Shared Data Sources ITI_DS1.rds

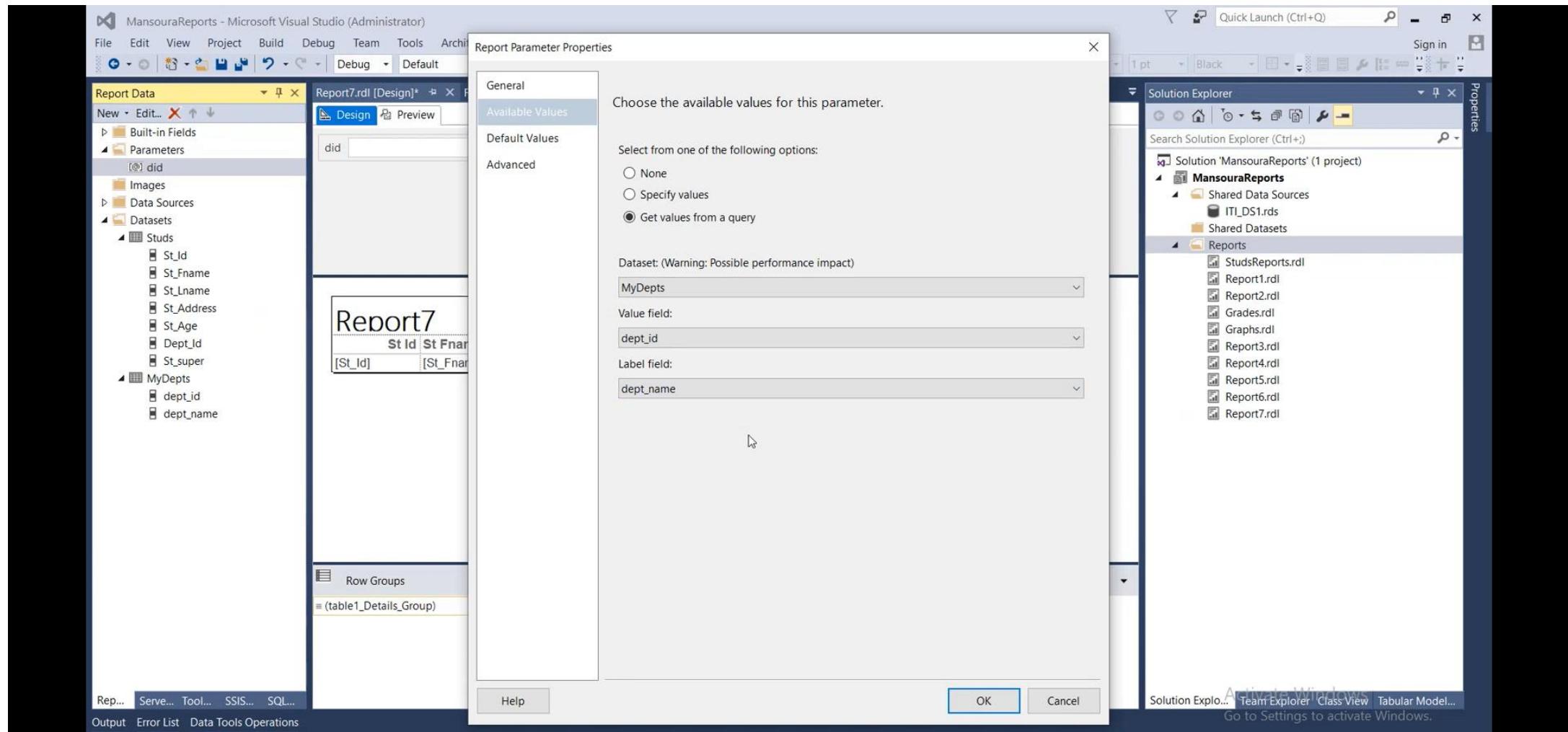
Shared Datasets

Reports

StudsReports.rdl Report1.rdl Report2.rdl Grades.rdl Graphs.rdl Report3.rdl Report4.rdl Report5.rdl Report6.rdl Report7.rdl

Output Error List Data Tools Operations

Activate Windows Team Explorer Class View Tabular Model... Go to Settings to activate Windows.



3-SQL Server Reporting Service SSRS:

The screenshot shows the Microsoft Visual Studio interface for a SQL Server Reporting Service (SSRS) project named 'MansouraReports'.

Solution Explorer: Shows the project structure with a solution containing one project ('MansouraReports') which includes shared data sources ('ITI_DS1.rds'), shared datasets, and reports ('StudsReports.rdl', 'Report1.rdl', 'Report2.rdl', 'Grades.rdl', 'Graphs.rdl', 'Report3.rdl', 'Report4.rdl', 'Report5.rdl', 'Report6.rdl', 'Report7.rdl').

Report Designer: The current report is 'Report7.rdl' in Design view. It displays a table with columns 'St_Id' and 'St_Fname'. A parameter 'did' is being configured in the properties pane. The 'Available Values' tab is selected, showing options to choose values from a query. The dataset dropdown is set to 'MyDepts', and the value field is 'dept_id' while the label field is 'dept_name'. Other tabs in the properties pane include General, Default Values, and Advanced.

Bottom Bar: Includes links for Report Manager, Server Explorer, Tools, SSIS, SQL, Output, Error List, Data Tools Operations, and buttons for Help, OK, Cancel, and Activation Windows.

3-SQL Server Reporting Service-SSRS.

The screenshot shows the Microsoft Visual Studio interface for developing SQL Server Reporting Services (SSRS) reports. The main window displays the Report Designer for 'Report7.rdl'. A dropdown menu for a parameter named 'did' is open, showing a list of available values: SD, EL, Java, MM, Unix, NC, and EB. The 'View Report' button is visible at the top right of the report preview area. The Solution Explorer on the right side of the interface lists the 'MansouraReports' project, which includes a 'Shared Data Sources' folder containing 'ITI_DS1.rds', a 'Shared Datasets' folder, and a 'Reports' folder containing several report files: 'StudsReports.rdl', 'Report1.rdl', 'Report2.rdl', 'Grades.rdl', 'Graphs.rdl', 'Report3.rdl', 'Report4.rdl', 'Report5.rdl', 'Report6.rdl', and 'Report7.rdl'. The status bar at the bottom indicates that the user needs to activate Windows.

Report Data

New Edit... X

Report7.rdl [Design] X Report6.rdl [Design] Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design]

did <Select a Value>

SD
EL
Java
MM
Unix
NC
EB

View Report

Design Preview

100% Find | Next

Solution Explorer

Search Solution Explorer (Ctrl+.)

MansouraReports

- Shared Data Sources
 - ITI_DS1.rds
- Shared Datasets
- Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl

Properties

Rep... Serve... Tool... SSIS... SQL...

Output Error List Data Tools Operations

Activate Windows Team Explorer Class View Tabular Model... Go to Settings to activate Windows.

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Format Report Tools Architecture Test Analyze Window Help

Report Data Report7.rdl [Design] Report6.rdl [Design] Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design]

Report Data did SD View Report

Report7

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
1	Ahmed	Hassan	Cairo	20	10	
2	Amr	Magdy	Cairo	21	10	1
3	Mona	Saleh	Cairo	28	10	1
4	Mohamed	Alex		23	10	1
5	Moahmed	Alex		24	10	1

Report Data Parameters did Images Data Sources Datasets Studs MyDepts

Design Preview

1 of 1 Find | Next

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

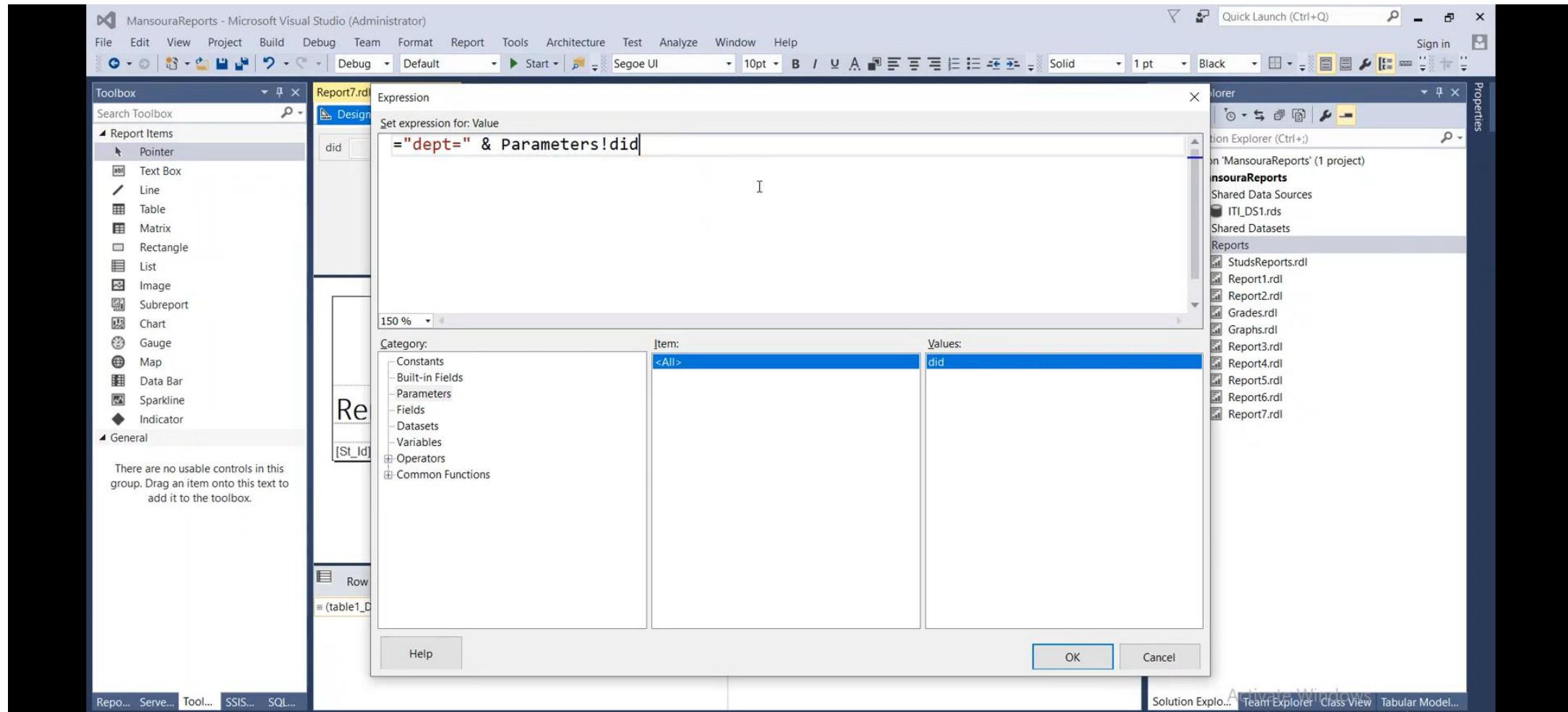
- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl

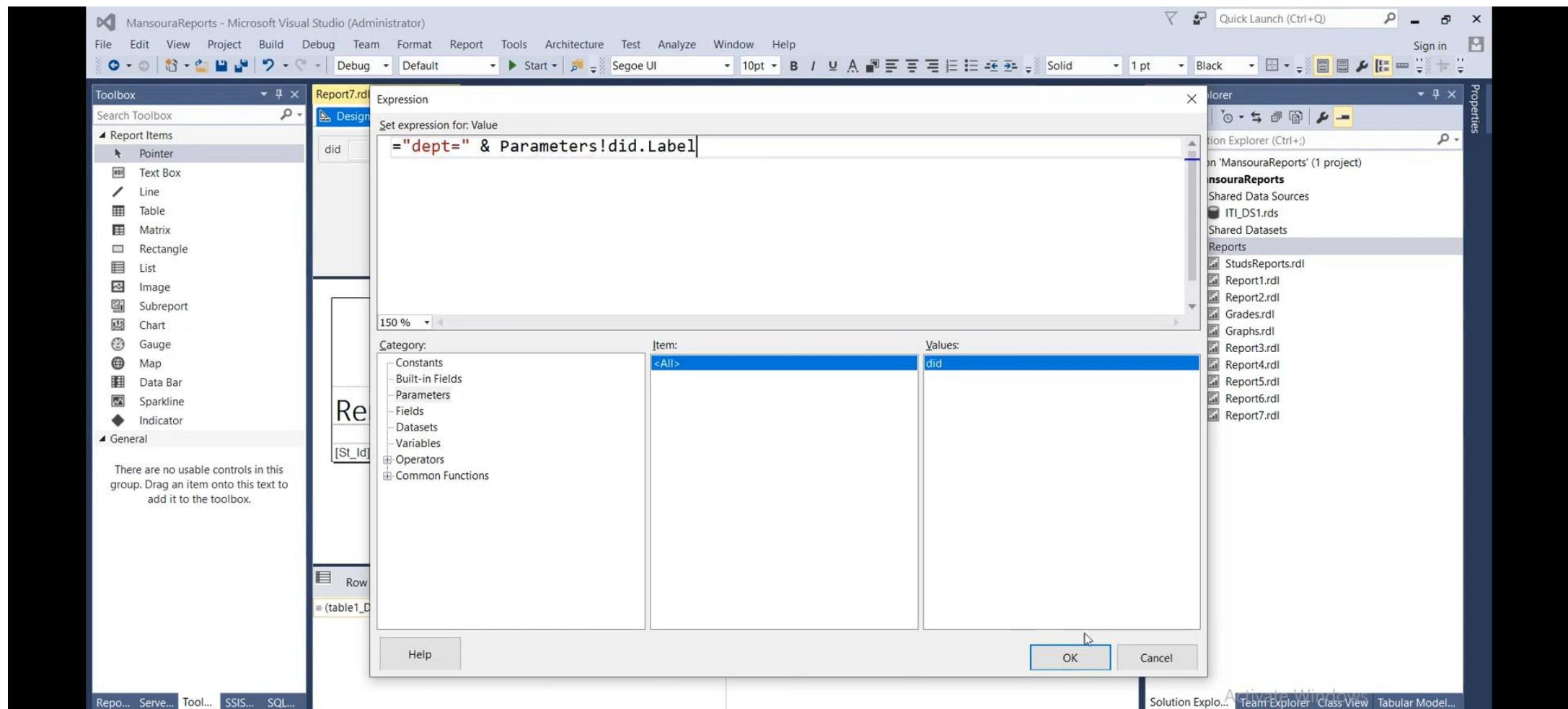
Properties

Rep... Serve... Tool... SSIS... SQL...

Activate Windows

Solution Explorer Team Explorer Class View Tabular Model...





MansouraReports - Microsoft Visual Studio (Administrator)

3-SQL Server Reporting Service SSRS

Report7.rdl [Design] * Report6.rdl [Design] Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design]

Design Preview

did

Report7

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
[St_Id]	[St_Fname]	[St_Lname]	[St_Address]	[St_Age]	[Dept_Id]	[St_super]

Row Groups: =(table1_Details_Group)

Column Groups:

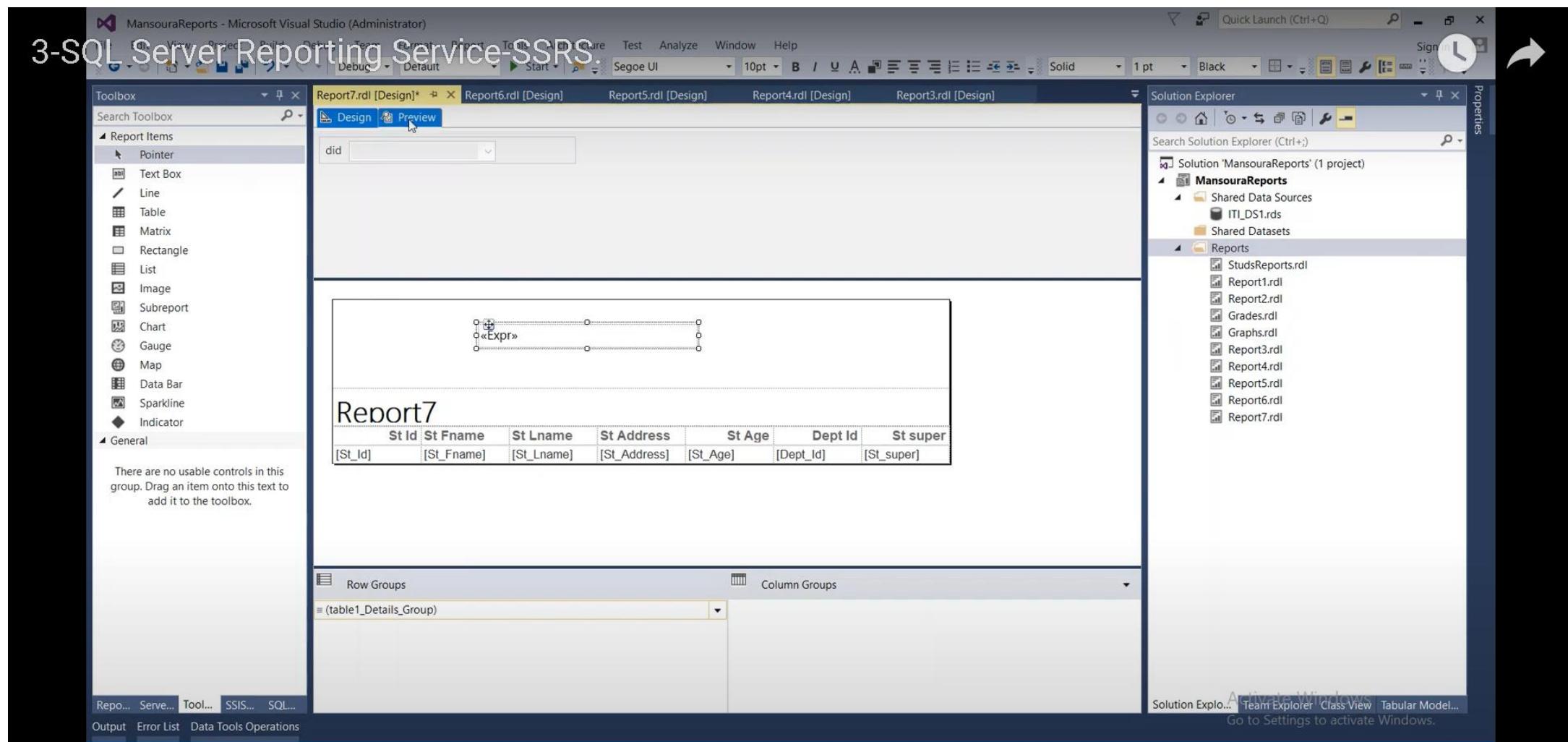
Solution Explorer

- Solution 'MansouraReports' (1 project)
 - MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl

Properties

Repo... Serve... Tool... SSIS... SQL... Output Error List Data Tools Operations

Archive Windows Go to Settings to activate Windows.



MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Format Report Tools Architecture Test Analyze Window Help

Quick Launch (Ctrl+Q) Sign in

Toolbox Report7.rdl [Design] Report6.rdl [Design] Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design]

Search Toolbox

Report Items

- Pointer
- Text Box
- Line
- Table
- Matrix
- Rectangle
- List
- Image
- Subreport
- Chart
- Gauge
- Map
- Data Bar
- Sparkline
- Indicator

General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

did SD View Report

dept=SD

Report7

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
1	Ahmed	Hassan	Cairo	20	10	
2	Amr	Magdy	Cairo	21	10	1
3	Mona	Saleh	Cairo	28	10	1
4	Mohamed	Alex		23	10	1
5	Moahmed	Alex		24	10	1

Repo... Serve... Tool... SSIS... SQL... Solution Explorer Team Explorer Class View Tabular Model... Go to Settings to activate Windows.

Output Error List Data Tools Operations

Properties

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Format Report Tools Architecture Test Analyze Window Help

Quick Launch (Ctrl+Q) Sign in

Toolbox Report7.rdl [Design] Report6.rdl [Design] Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design]

Search Toolbox Design Preview did MM View Report

dept=MM

Report7

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
-------	----------	----------	------------	--------	---------	----------

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl

Properties

Repo... Serve... Tool... SSIS... SQL...

Active Windows Solution Explor... Team Explorer Class View Tabular Model...

The screenshot shows the Microsoft Visual Studio interface for developing reports. The main window displays the design view of 'Report7.rdl'. A single text box is present on the page with the value 'dept=MM'. The Visual Studio interface includes the following components:

- Toolbar:** Includes standard icons for file operations, search, and navigation.
- Menu Bar:** File, Edit, View, Project, Build, Debug, Team, Format, Report, Tools, Architecture, Test, Analyze, Window, Help.
- Toolbox:** Shows the 'Report Items' category, which includes Pointer, Text Box, Line, Table, Matrix, Rectangle, List, Image, Subreport, Chart, Gauge, Map, Data Bar, Sparkline, and Indicator.
- Design View:** The main workspace where the report is being built. It shows the report title 'Report7' and a table with columns: St Id, St Fname, St Lname, St Address, St Age, Dept Id, and St super. A message indicates there are no controls in the General group.
- Solution Explorer:** Shows the project structure: 'MansouraReports' (1 project) containing 'Shared Data Sources', 'Shared Datasets', and 'Reports' (which includes 'StudsReports.rdl' and multiple report files: Report1.rdl, Report2.rdl, Grades.rdl, Graphs.rdl, Report3.rdl, Report4.rdl, Report5.rdl, Report6.rdl, and Report7.rdl).
- Properties:** A panel on the right side of the interface.
- Bottom Navigation:** Includes links for Repository, Server Explorer, Tools, SSIS, and SQL.
- Status Bar:** Active Windows, Solution Explorer, Team Explorer, Class View, Tabular Model.

3-SQL Server Reporting Service SSRS.

The screenshot shows the Microsoft Visual Studio interface for developing SQL Server Reporting Services (SSRS) reports. The title bar indicates the project is 'MansouraReports' and the version is 'Microsoft Visual Studio (Administrator)'. The menu bar includes File, View, Project, Build, Insert, Tools, Test, Analyze, Window, and Help. The toolbar contains icons for Save, Undo, Redo, Cut, Copy, Paste, Find, Select All, and Print. The ribbon tabs are Debug, Default, Start, and Stop. The status bar at the bottom shows '10pt' font size, 'Solid' background, and 'Black' color.

The main workspace displays 'Report7.rdl [Design]' in the tab bar. The 'Toolbox' on the left lists various report items: Pointer, Text Box, Line, Table, Matrix, Rectangle, List, Image, Subreport, Chart, Gauge, Map, Data Bar, Sparkline, and Indicator. A message in the toolbox states: 'There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.' The 'Search Toolbox' field contains 'did Java'. The preview pane shows the report title 'Report7' and a table with the following data:

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
12	Noha	Omar	Cairo	21	30	
13	Said			22	30	12
14	omar	Saleh	Tanta	22	30	
15	X			22	30	
16				25	30	
17	Y			25	30	
44				25	30	

The 'View Report' button is located in the top right corner of the preview area. The 'Solution Explorer' on the right shows the project structure: 'MansouraReports' (1 project) containing 'Shared Data Sources' (ITI_DS1.rds), 'Shared Datasets' (Grades.rdl, Graphs.rdl), and 'Reports' (StudsReports.rdl, Report1.rdl, Report2.rdl, Grades.rdl, Graphs.rdl, Report3.rdl, Report4.rdl, Report5.rdl, Report6.rdl, Report7.rdl). The 'Properties' window is also visible on the far right. The status bar at the bottom right includes 'Activate Windows', 'Team Explorer', 'Class View', 'Tabular Model...', and 'Go to Settings to activate Windows.'

3-SQL Server Reporting Service-SSRS:

The screenshot shows the Microsoft Visual Studio interface for developing SQL Server Reporting Services (SSRS) reports. The main window displays the Report Designer for 'Report7.rdl' in Design view. On the left, the Report Data pane lists report items like 'Report7', 'St Id', 'St Fname', and 'Row Groups'. The center pane shows the report layout with a table structure. A context menu is open over the 'did' parameter in the Report Data pane. The Properties window is open, showing the 'General' tab for the 'did' parameter. The 'Name' field contains 'did', the 'Prompt' field contains 'did', and the 'Data type' dropdown is set to 'Text'. Under 'Advanced' options, the 'Allow multiple values' checkbox is checked. The 'Select parameter visibility' section has 'Visible' selected. At the bottom of the Properties window are 'OK' and 'Cancel' buttons. To the right, the Solution Explorer pane shows a project named 'MansouraReports' containing a 'Reports' folder with several report files: 'StudsReports.rdl', 'Report1.rdl', 'Report2.rdl', 'Grades.rdl', 'Graphs.rdl', 'Report3.rdl', 'Report4.rdl', 'Report5.rdl', 'Report6.rdl', and 'Report7.rdl'. The 'Activate Windows' watermark is visible at the bottom of the screen.

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Tools Architecture Help

Report Data Report7.rdl [Design] R

New Edit... X Up Down Parameters did

Built-in Fields

Parameters did

Images

Data Sources

Datasets

- Studs
 - St_Id
 - St_Fname
 - St_Lname
 - St_Address
 - St_Age
 - Dept_Id
 - St_Super
- MyDepts
 - dept_id
 - dept_name

Report7

St_Id	St_Fname
[St_Id]	[St_Fname]

Row Groups
= (table1_Details_Group)

Report... Serve... Tool... SSIS... SQL... Output Error List Data Tools Operations

Report Parameter Properties

General Available Values Default Values Advanced

Name: did

Prompt: did

Data type: Text

Allow blank value ("")
 Allow null value
 Allow multiple values

Select parameter visibility:

Visible
 Hidden
 Internal

OK Cancel Help

Solution Explorer

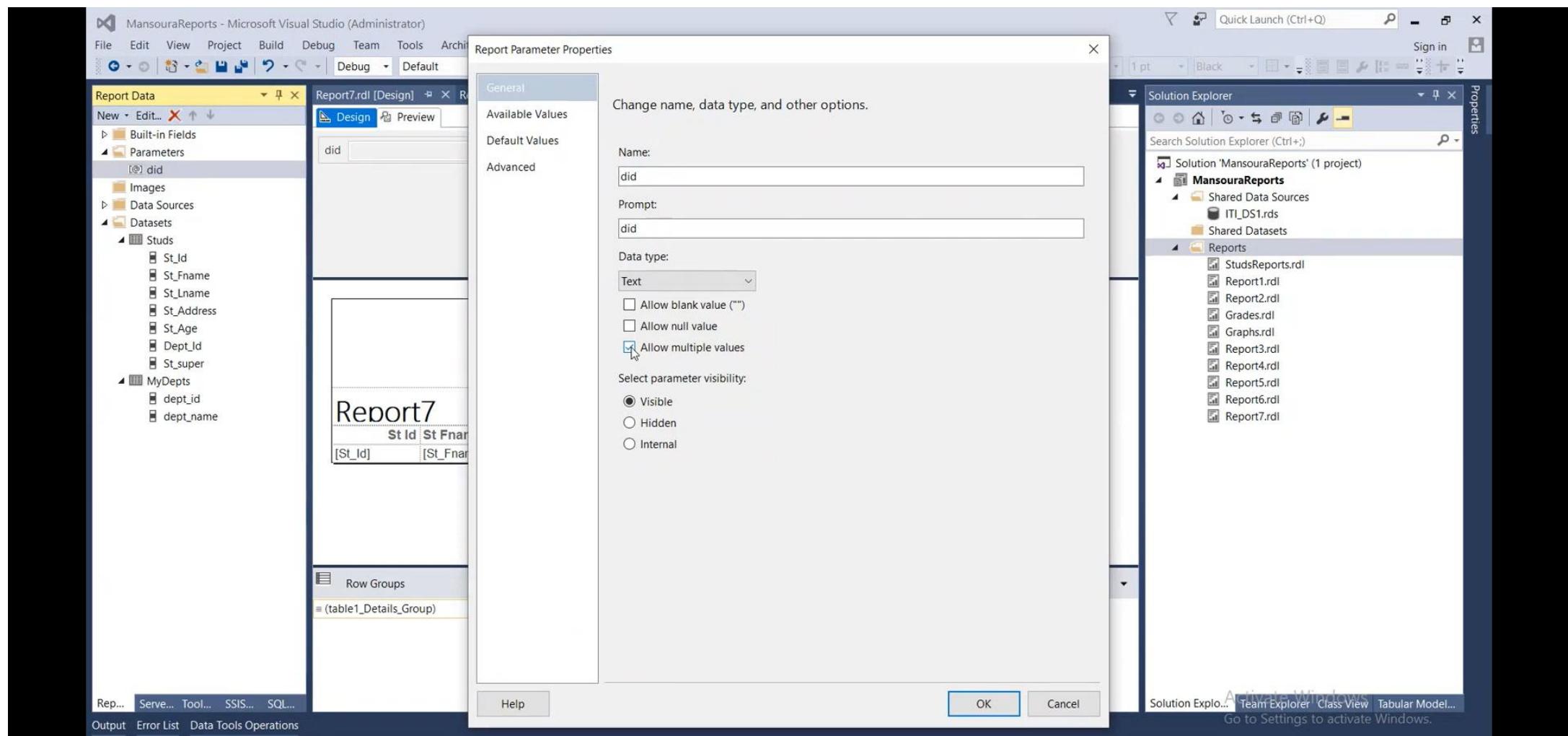
Search Solution Explorer (Ctrl+F)

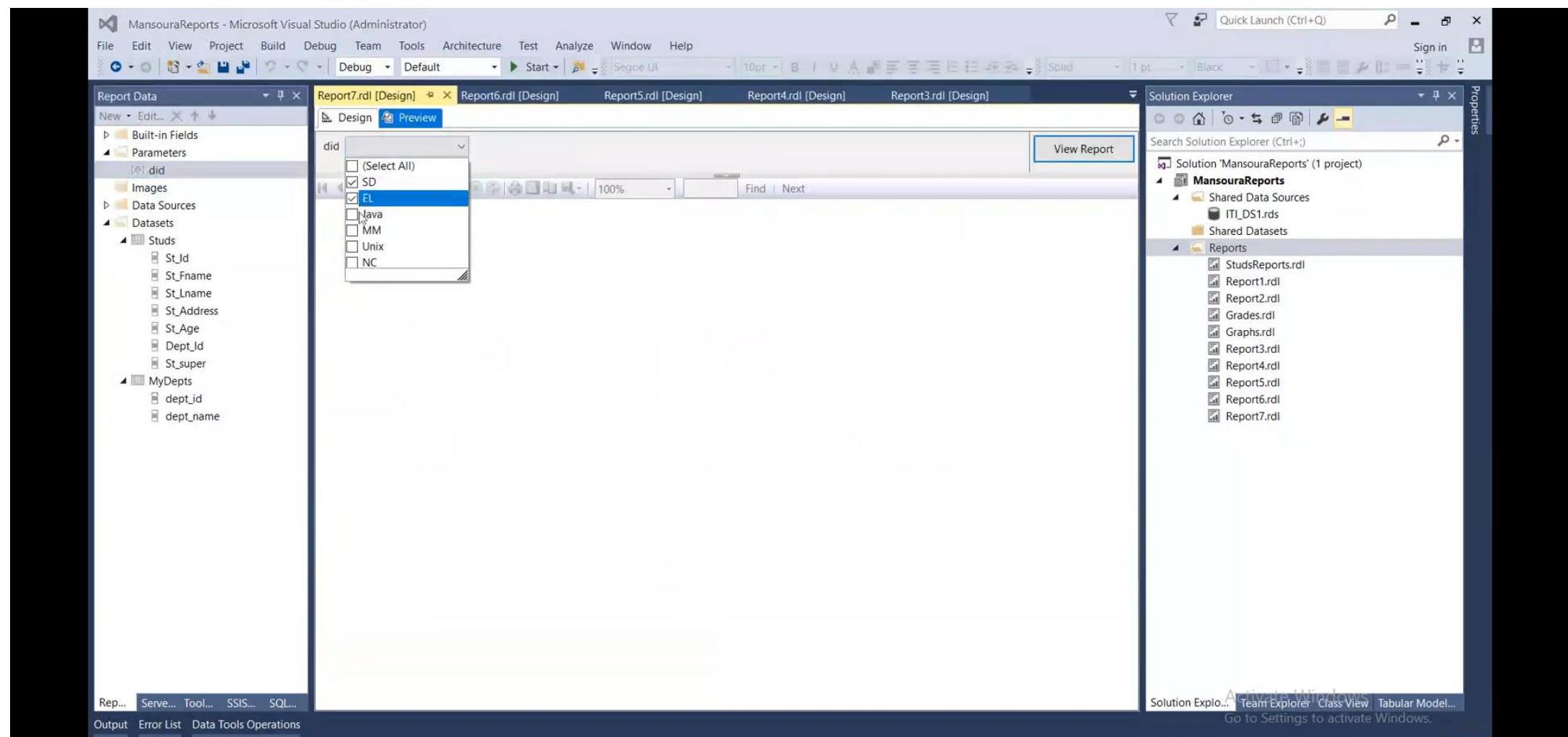
Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl

Properties

Activate Windows Team Explorer Class View Tabular Model... Go to Settings to activate Windows.





MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Format Report Tools Architecture Test Analyze Window Help

Report Data Segoe UI 10pt B / A Solid 1 pt Black

Report7.rdl [Design] Report6.rdl [Design] Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design]

Design Preview

New Edit... did

Built-in Fields
Parameters
Images
Data Sources
Datasets
Studs
MyDepts
dept_id
dept_name

Report7

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
[St_Id]	[St_Fname]	[St_Lname]	[St_Address]	[St_Age]	[Dept_Id]	[St_super]

Row Groups Column Groups

=(table1_Details_Group)

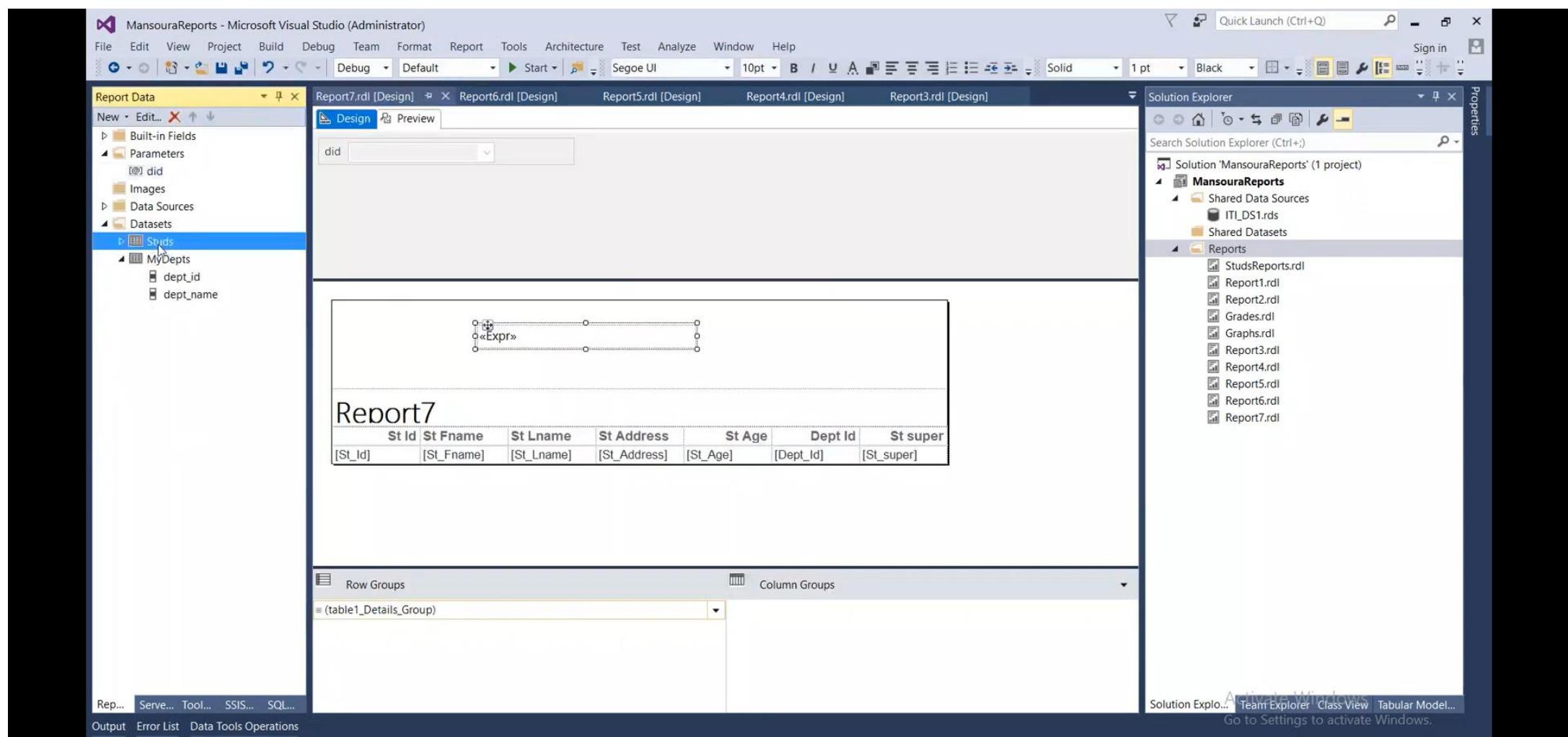
Rep... Serve... Tool... SSIS... SQL... Output Error List Data Tools Operations

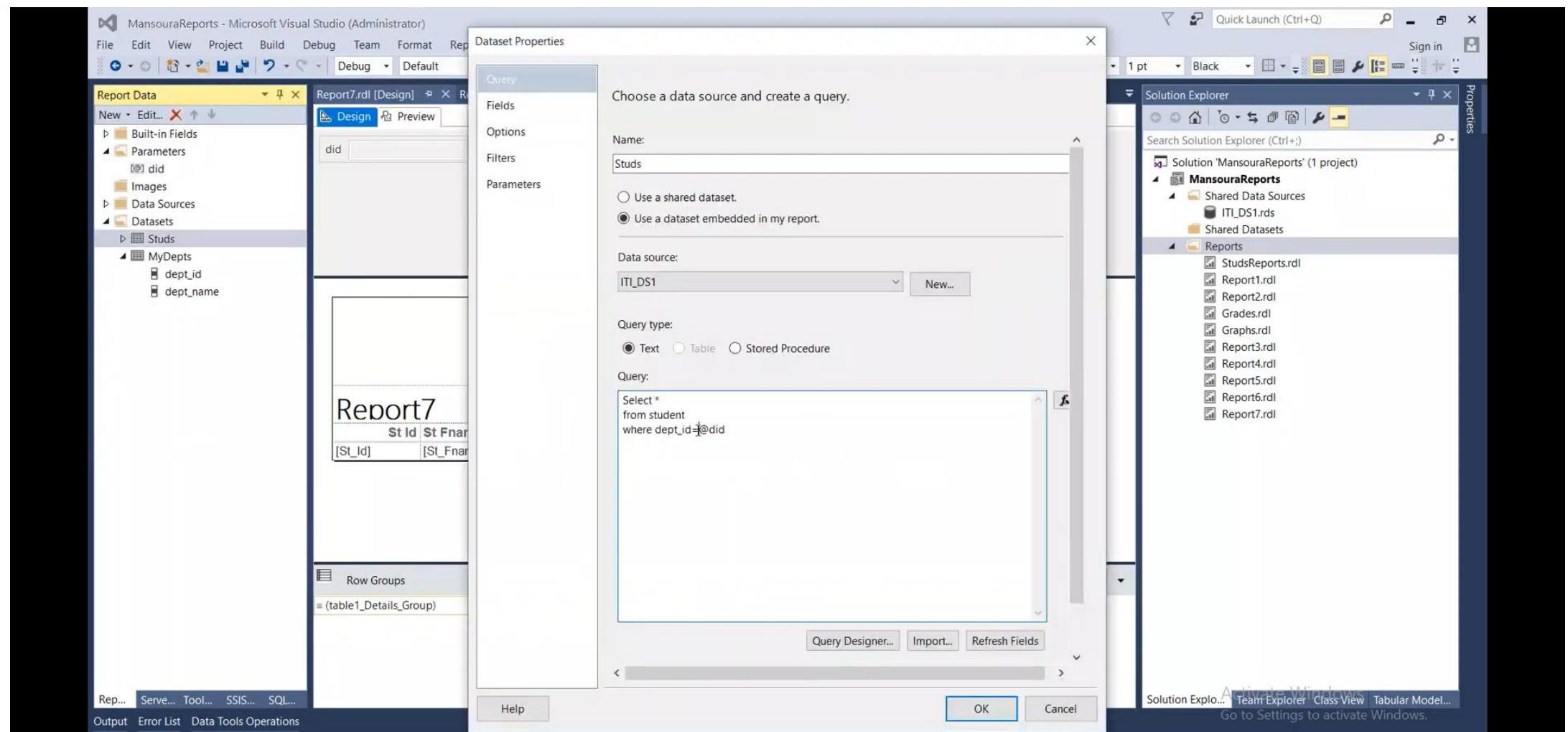
Solution Explorer Properties

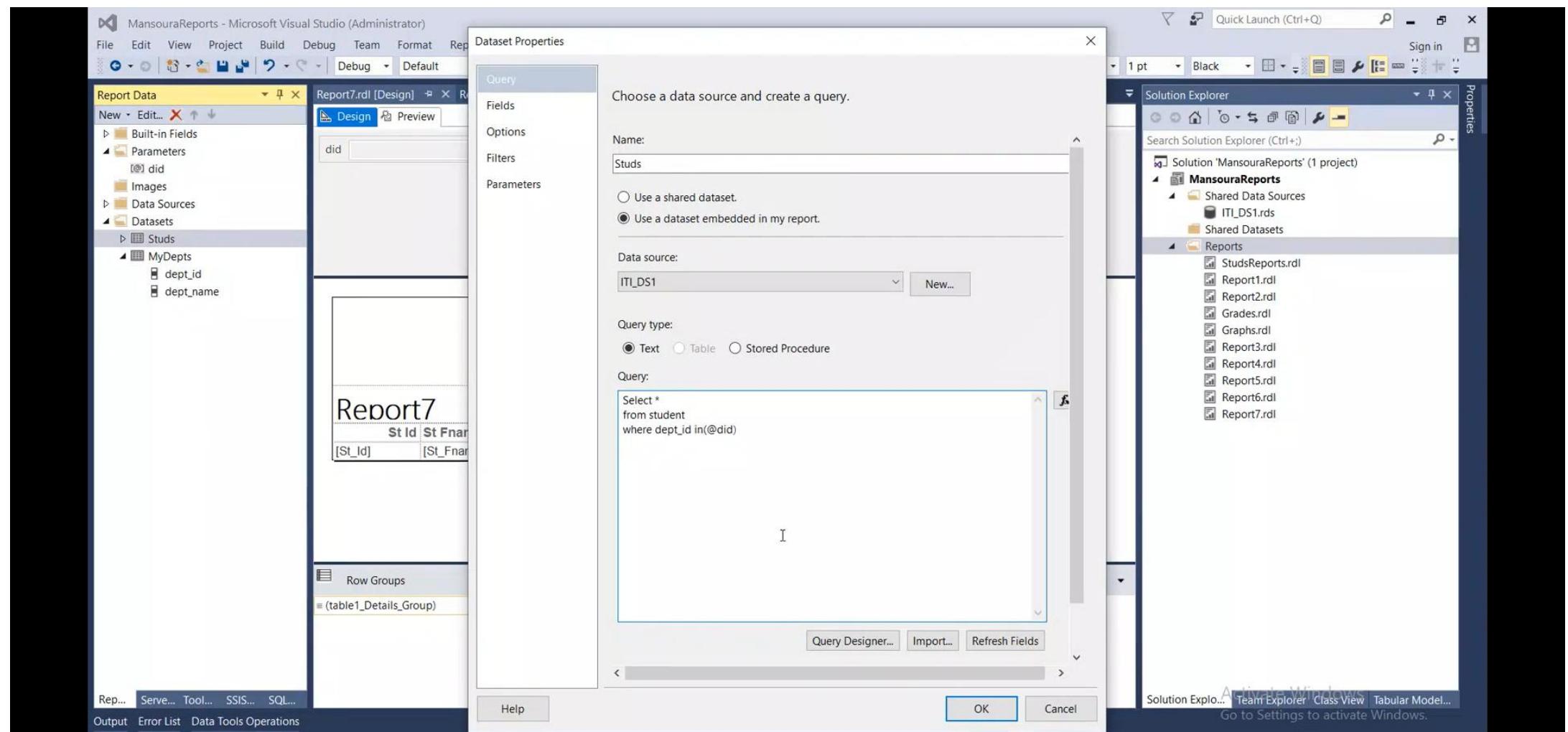
Search Solution Explorer (Ctrl+F)

Solution 'MansouraReports' (1 project)
MansouraReports
Shared Data Sources
ITI_DS1.rds
Shared Datasets
Reports
StudsReports.rdl
Report1.rdl
Report2.rdl
Grades.rdl
Graphs.rdl
Report3.rdl
Report4.rdl
Report5.rdl
Report6.rdl
Report7.rdl

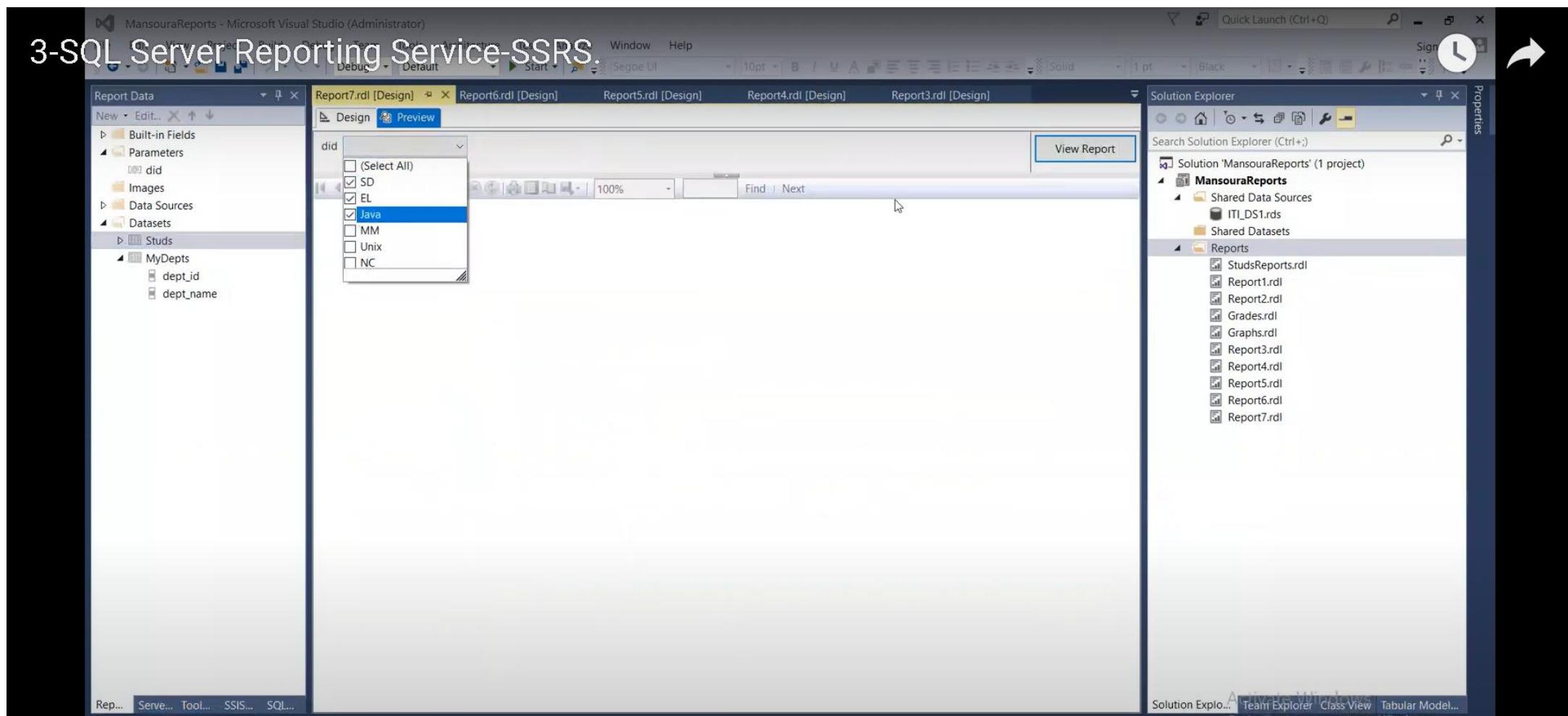
Activate Windows Go to Settings to activate Windows.







3-SQL Server Reporting Service-SSRS.



Report Data

- New
- Edit...
- ...
- ...
- ...
- ...
- ...
- ...
- Built-in Fields
- Parameters
 - did
- Images
- Data Sources
- Datasets
 - Studs
 - MyDepts
 - dept_id
 - dept_name

Report7.rdl [Design] Report6.rdl [Design] Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design]

Design Preview

did SD, EL, Java

View Report

1 of 1 Find | Next 100%

#Error

Report7

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
1	Ahmed	Hassan	Cairo	20	10	
2	Amr	Magdy	Cairo	21	10	1
3	Mona	Saleh	Cairo	28	10	1
4	Mohamed	Alex		23	10	1
5	Moahmed	Alex		24	10	1
6	Heba	Farouk	Mansoura	25	20	
7	Ali	Hussien	Cairo	25	20	6
8		Alex		28	20	6
9	Saly	Ahmed	Mansoura	24	20	
10	Fady	Ali	Alex	24	20	9
11	mohamed ali	Ahmed	Cairo	24	20	9
12	Noha	Omar	Cairo	21	30	
13	Said			22	30	12
14	omar	Saleh	Tanta	22	30	
15	X			22	30	
16				25	30	
17	Y			25	30	
44				25	30	

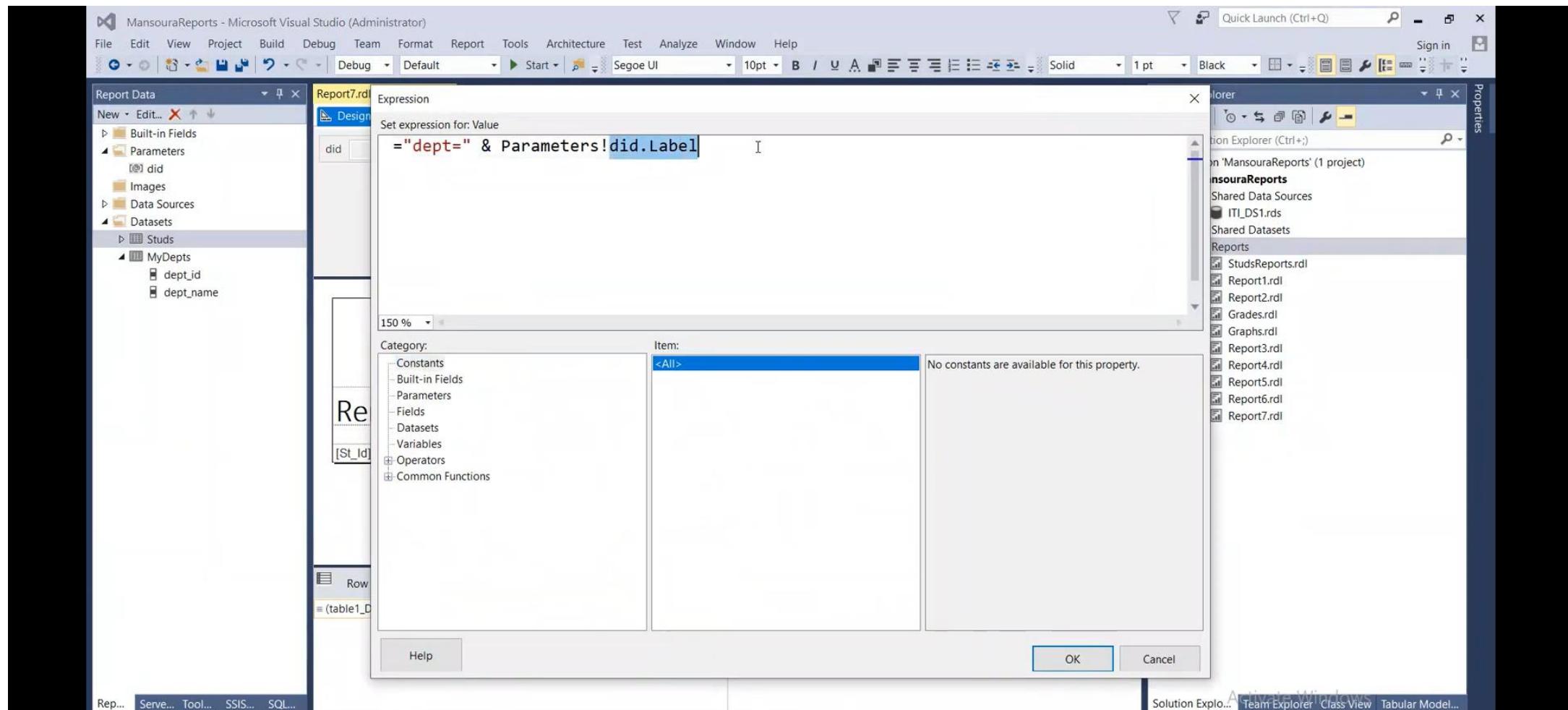
Solution Explorer

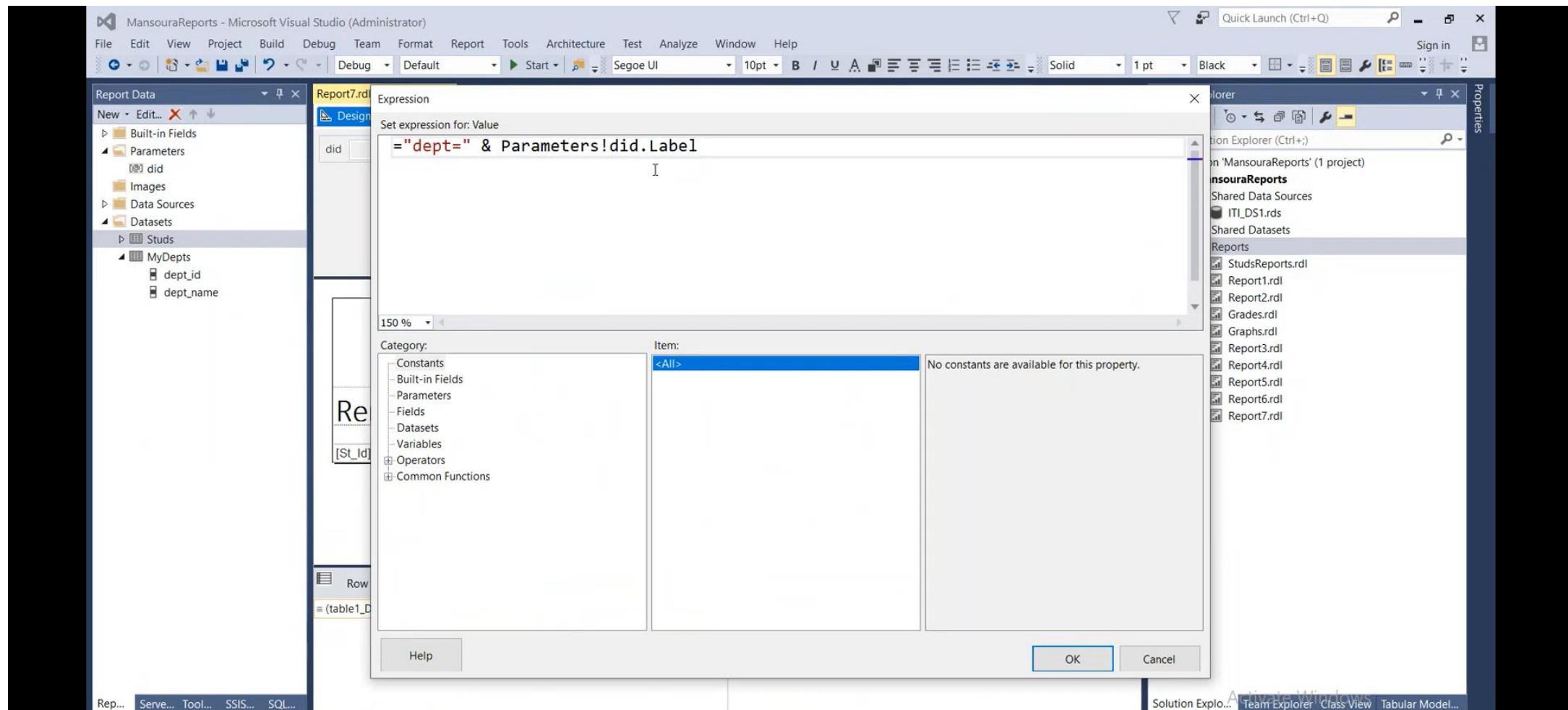
Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl

Properties





Report Data

New Edit...

did

Parameters

dept_id

Images

Data Sources

Datasets

Studs

MyDepts

dept_id

dept_name

Report7.rdl [Design]

Design Preview

Report6.rdl [Design]

Report5.rdl [Design]

Report4.rdl [Design]

Report3.rdl [Design]

Quick Launch (Ctrl+Q) Sign in

Search Solution Explorer (Ctrl+F)

Solution 'MansouraReports' (1 project)

MansouraReports

Shared Data Sources

ITI_DS1.rds

Shared Datasets

Reports

StudsReports.rdl

Report1.rdl

Report2.rdl

Grades.rdl

Graphs.rdl

Report3.rdl

Report4.rdl

Report5.rdl

Report6.rdl

Report7.rdl

did El, Java

View Report

1 of 1 Find Next

100%

Find | Next

dept=EL

Report7

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
6	Heba	Farouk	Mansoura	25	20	
7	Ali	Hussien	Cairo	25	20	6
8		Alex		28	20	6
9	Saly	Ahmed	Mansoura	24	20	
10	Fady	Ali	Alex	24	20	9
11	mohamed ali	Ahmed	Cairo	24	20	9
12	Noha	Omar	Cairo	21	30	
13	Said			22	30	12
14	omar	Saleh	Tanta	22	30	
15	X			22	30	
16				25	30	
17	Y			25	30	
44				25	30	

3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data Report7.rdl

did

Expression

Set expression for: Value

```
= "dept=" & Join( Parameters!did.Label(0))
```

▲ 1 of 2 ▼ Join(SourceArray as Object[], Delimiter as String) as String

Category: Item: Description

- Constants
- Built-in Fields
- Parameters
- Fields
- Datasets
- Variables
- Operators
- Common Functions
 - Text
 - Asc
 - AscW
 - Chr
 - ChrW
 - Filter
 - Format
 - FormatCurrency
 - FormatDateTime
 - FormatNumber
 - FormatPercent
 - GetChar
 - InStr
 - InStrRev
 - Join**
 - LCase
 - Left
 - Len
 - LSet
 - LTrim
 - Date & Time
 - Math
 - Inspection
 - Program Flow
 - Aggregate
 - Financial
 - Conversion
 - Miscellaneous

Example

```
=Join(Parameters!MultivalueParameter.Value, ",")
```

Help OK Cancel

Solution Explorer Team Explorer Class View Tabular Model...

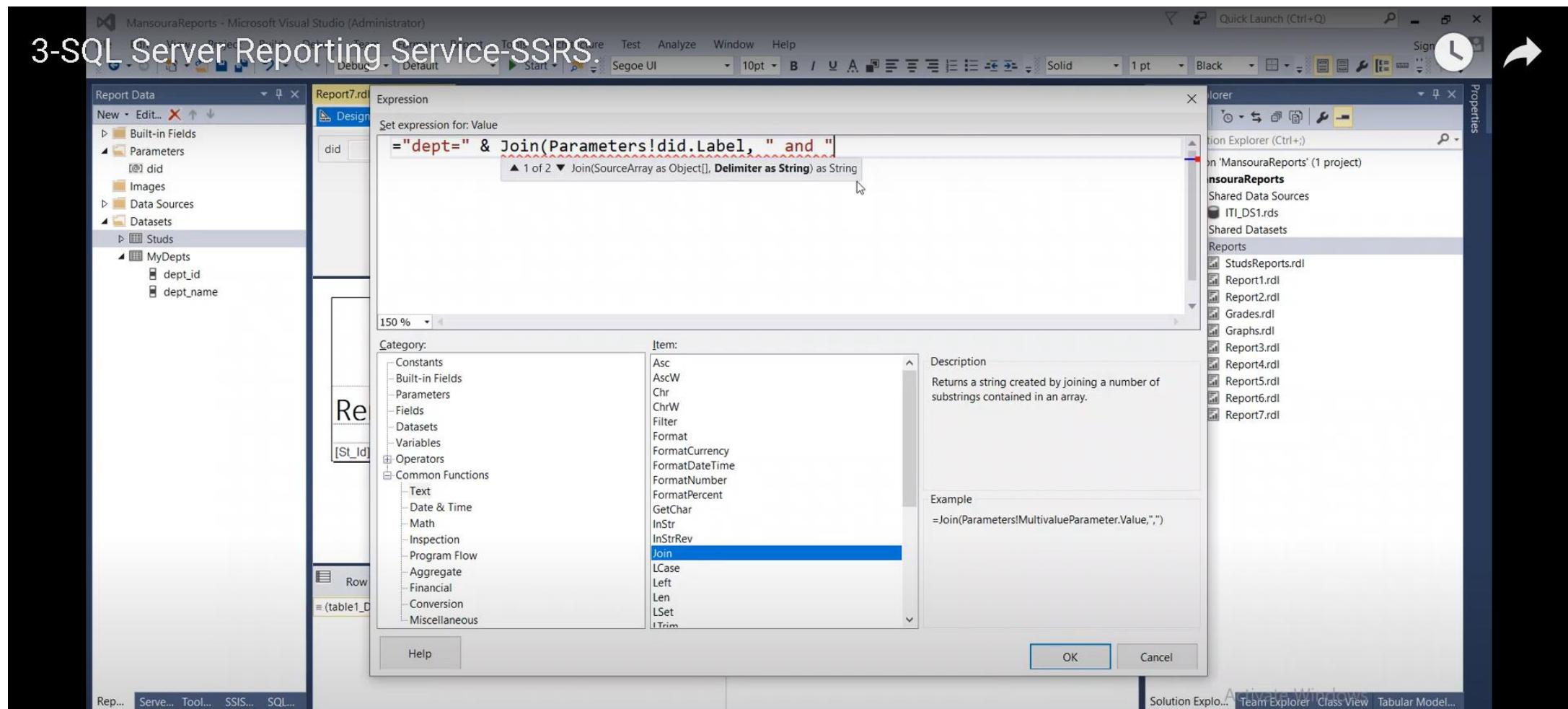
Properties

Explorer

File View Insert Tools Project Window Help

Report... Serve... Tool... SSIS... SQL...

3-SQL Server Reporting Service-SSRS.



The screenshot shows the Microsoft Visual Studio interface for a project named 'MansouraReports'. The main window displays the 'Report Data' Explorer on the left, which lists various report items like 'Report7.rdl [Design]', 'Report6.rdl [Design]', etc. The 'Solution Explorer' on the right shows the project structure with files like 'ITI_DS1.rds', 'Report1.rdl', 'Report2.rdl', etc. The central area is the 'Report Designer' for 'Report7.rdl [Design]', showing a table with data for students from departments SD, EL, and Java. The table has columns: St Id, St Fname, St Lname, St Address, St Age, Dept Id, and St super.

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
1	Ahmed	Hassan	Cairo	20	10	
2	Amr	Magdy	Cairo	21	10	1
3	Mona	Saleh	Cairo	28	10	1
4	Mohamed	Alex		23	10	1
5	Moahmed	Alex		24	10	1
6	Heba	Farouk	Mansoura	25	20	
7	Ali	Hussien	Cairo	25	20	6
8		Alex		28	20	6
9	Saly	Ahmed	Mansoura	24	20	
10	Fady	Ali	Alex	24	20	9
11	mohamed ali	Ahmed	Cairo	24	20	9
12	Noha	Omar	Cairo	21	30	
13	Said			22	30	12
14	omar	Saleh	Tanta	22	30	
15	X			22	30	
16				25	30	
17	Y			25	30	
44				25	30	

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Format Report Tools Architecture Test Analyze Window Help

Report Data Report7.rdl [Design] Report6.rdl [Design] Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design]

Design Preview

did SD, EL, Java

View Report

1 of 1 Find | Next

dept=SD and EL and Java

Report7

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
1	Ahmed	Hassan	Cairo	20	10	
2	Amr	Magdy	Cairo	21	10	1
3	Mona	Saleh	Cairo	28	10	1
4	Mohamed	Alex		23	10	1
5	Moahmed	Alex		24	10	1
6	Heba	Farouk	Mansoura	25	20	
7	Ali	Hussien	Cairo	25	20	6
8		Alex		28	20	6
9	Saly	Ahmed	Mansoura	24	20	
10	Fady	Ali	Alex	24	20	9
11	mohamed ali	Ahmed	Cairo	24	20	9
12	Noha	Omar	Cairo	21	30	
13	Said			22	30	12
14	omar	Saleh	Tanta	22	30	
15	X			22	30	
16				25	30	
17	Y			25	30	
44				25	30	

Rep... Serve... Tool... SSIS... SQL...

Solution Explorer Properties

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl

Active Windows: Solution Explor... Team Explorer Class View Tabular Model...

3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data

Report7.rdl [Design] Design Preview

Dataset Properties

Query

Name: Studs

Use a shared dataset.

Use a dataset embedded in my report.

Data source: ITI_DS1

Query type:

Text

Query:

```
Select *  
from student  
where dept_id in(@did)  
order by st_fnar
```

Row Groups
=(table1_Details_Group)

Help OK Cancel

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

MansouraReports

Shared Data Sources

ITI_DS1.rds

Shared Datasets

Reports

StudsReports.rdl

Report1.rdl

Report2.rdl

Grades.rdl

Graphs.rdl

Report3.rdl

Report4.rdl

Report5.rdl

Report6.rdl

Report7.rdl

Activate Windows
Go to Settings to activate Windows.

Output Error List Data Tools Operations

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Tools Architecture Test Analyze Window Help

Debug Default Start Segoe UI 10pt Arial 1 pt Black

Report Data

New Edit... X ↑ ↓

Built-in Fields

Parameters

did

Images

Data Sources

Datasets

Studs

St_Id

St_Fname

St_Lname

St_Address

St_Age

Dept_Id

St_super

MyDepts

dept_id

dept_name

Report7.rdl [Design] Report6.rdl [Design] Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design]

Design Preview

did

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
[St_Id]	[St_Fname]	[St_Lname]	[St_Address]	[St_Age]	[Dept_Id]	[St_super]

Report7

Row Groups

Column Groups

(table1_Details_Group)

Rep... Serve... Tool... SSIS... SQL...

Output Error List Data Tools Operations

Quick Launch (Ctrl+Q) Sign in

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

MansouraReports

Shared Data Sources

ITI_DS1.rds

Shared Datasets

Reports

StudsReports.rdl

Report1.rdl

Report2.rdl

Grades.rdl

Graphs.rdl

Report3.rdl

Report4.rdl

Report5.rdl

Report6.rdl

Report7.rdl

Activate Windows Solution Explorer Team Explorer Class View Tabular Model...

Go to Settings to activate Windows.

3-SQL Server Reporting Service-SSRS.

The screenshot shows the Microsoft Visual Studio interface for creating a dataset in a SQL Server Reporting Services (SSRS) project. The main window displays the 'Dataset Properties' dialog box, which is open to the 'Query' tab. The dialog prompts the user to choose a data source and create a query. The 'Name:' field is set to 'Studs'. The 'Data source:' dropdown is set to 'ITI_DS1'. The 'Query type:' is selected as 'Text'. The 'Query' text area contains the following SQL code:

```
Select *  
from student  
where dept_id in(@did)  
order by st_fname desc
```

The 'Report7.rdl [Design]' tab in the title bar indicates the current report being edited. The Solution Explorer on the right shows the project structure under 'MansouraReports' with various reports like 'Report1.rdl' through 'Report7.rdl' and shared datasets like 'ITI_DS1.rds'. The bottom status bar includes links for 'Activate Windows', 'Team Explorer', 'Class View', 'Tabular Model...', and 'Go to Settings to activate Windows.'

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Format Report Tools Architecture Test Analyze Window Help

Report Data Report7.rdl [Design] Report6.rdl [Design] Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design]

did SD, EL, Java

dept=SD and EL and Java

Report7

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
17	Y			25	30	
15	X			22	30	
9	Saly	Ahmed	Mansoura	24	20	
13	Said			22	30	12
14	omar	Saleh	Tanta	22	30	
12	Noha	Omar	Cairo	21	30	
3	Mona	Saleh	Cairo	28	10	1
11	mohamed ali	Ahmed	Cairo	24	20	9
6	Heba	Farouk	Mansoura	25	20	
10	Fady	Ali	Alex	24	20	9
2	Amr	Magdy	Cairo	21	10	1
7	Ali	Hussien	Cairo	25	20	6
1	Ahmed	Hassan	Cairo	20	10	
4		Mohamed	Alex	23	10	1
5		Moahmed	Alex	24	10	1
8			Alex	28	20	6
16				25	30	
44				25	30	

Report Explorer Solution Explorer Properties

Search Solution Explorer (Ctrl+F)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl

Rep... Serve... Tool... SSIS... SQL...

Solution Explorer Team Explorer Class View Tabular Model...

3-SQL Server Reporting Service-SSRS.

The screenshot shows the Microsoft Visual Studio interface for developing SQL Server Reporting Services (SSRS) reports. The title bar reads "MansouraReports - Microsoft Visual Studio (Administrator)". The menu bar includes File, View, Open, Build, Tools, Test, Analyze, Window, Help, and a Quick Launch bar. The toolbar has icons for Save, Undo, Redo, Find, Replace, and others.

The Solution Explorer on the right shows a project named "MansouraReports" with a "Reports" folder containing several reports like "StudsReports.rdl", "Report1.rdl", etc.

The main area displays the "Report7.rdl [Design]" tab. On the left, the "Report Data" pane lists datasets: "Built-in Fields", "Parameters" (with "did" selected), "Images", "Data Sources", and "Datasets" (with "Studs" selected). The "Studs" dataset contains fields: St_Id, St_Fname, St_Lname, St_Address, St_Age, Dept_Id, and St_super.

The report design itself shows a table with columns: St_Id, St_Fname, St_Lname, St_Address, Dept_Id, and St_super. The first row is bound to the dataset with expressions: [St_Id], [St_Fname], [St_Lname], [St_Address], [Dept_Id], and [St_super].

A context menu is open over a text box containing the placeholder "<Expr>". The menu options are:

- Text Box
- Cut
- Copy
- Paste
- Delete
- Select
- Expression...
- Text Box Properties...** (highlighted)
- Groups

The status bar at the bottom shows "Ready" and other options like Report, Serve..., Tool..., SSIS..., SQL..., Output, Error List, Data Tools Operations, Solution Explorer, Team Explorer, Class View, Tabular Model..., Go to Settings to activate Windows, Publish, and a user profile icon.

3-SQL Server Reporting Services

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Format Reports

Report Data Report7.rdl [Design] Design Preview

did

Studs

- St_Id
- St_Fname
- St_Lname
- St_Address
- St_Age
- Dept_Id
- St_Super

MyDepts

- dept_id
- dept_name

St Id St Fname

[St_Id] [St_Fname]

Row Groups

= (table1_Details_Group)

Text Box Properties

General Number Alignment Font Border Fill Visibility Interactive Sorting Action

Change interactive sort options for the text box.

Enable interactive sorting on this text box

Choose what to sort:

Detail rows

Groups

Sort by:

Apply this sorting to all groups and data regions in:

OK Cancel Help

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl

Properties

Rep... Serve... Tool... SSIS... SQL... Output Error List Data Tools Operations

Active Windows Team Explorer Class View Tabular Model... Go to Settings to activate Windows.

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Format Report

Report Data Report7.rdl [Design] Design Preview

New Edit... did

Built-in Fields Parameters did Images Data Sources Datasets Studs St_Id St_Fname St_Lname St_Address St_Age Dept_Id St_Super MyDepts dept_id dept_name

Report7.rdl [Design]

Text Box Properties

General Number Alignment Font Border Fill Visibility Interactive Sorting Action

Change interactive sort options for the text box.

Enable interactive sorting on this text box

Choose what to sort:

Detail rows
 Groups

Sort by: [St_Address]

Apply this sorting to all groups and data regions in:

OK Cancel Help

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

MansouraReports

Shared Data Sources ITI_DS1.rds Shared Datasets Reports

StudsReports.rdl Report1.rdl Report2.rdl Grades.rdl Graphs.rdl Report3.rdl Report4.rdl Report5.rdl Report6.rdl Report7.rdl

Output Error List Data Tools Operations

Team Explorer Class View Tabular Model... Go to Settings to activate Windows.

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Format Report Tools Architecture Test Analyze Window Help

Report Data Report7.rdl [Design] Report6.rdl [Design] Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design]

Quick Launch (Ctrl+Q) Sign in

Report Data

New Edit... did

Built-in Fields Parameters did Images Data Sources Datasets Studs

- St_Id
- St_Fname
- St_Lname
- St_Address
- St_Age
- Dept_Id
- St_super

MyDepts

- dept_id
- dept_name

Design Preview

did

Expr

St Id St Fname St Lname St Address St

St_Id	St_Fname	St_Lname	St_Address	St_Age
[St_Id]	[St_Fname]	[St_Lname]	[St_Address]	[St_Age]

Row Groups (table1_Details_Group)

Text Box Cut Copy Paste Delete Select Expression... Text Box Properties... Tablix Insert Column Insert Row Delete Columns Delete Rows Add Group Add Total Insert

Solution Explorer Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources ITI_DS1.rds
 - Shared Datasets
- Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl

Properties

Rep... Serve... Tool... SSIS... SQL... Output Error List Data Tools Operations Ready

Activate Windows Solution Explorer Team Explorer Class View Tabular Model... Go to Settings to activate Windows.

Publish

SQL Server Reporting Service SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data

New Edit... X ↑ ↓

Built-in Fields

Parameters did

Images

Data Sources

Datasets

Studs

- St_Id
- St_Fname
- St_Lname
- St_Address
- St_Age
- Dept_Id
- St_super

MyDepts

- dept_id
- dept_name

Report7.rdl [Design] F

Design Preview

did

Report7.rdl [Design]

Change interactive sort options for the text box.

Enable interactive sorting on this text box

Choose what to sort:

Detail rows

Groups

Sort by:

Apply this sorting to all groups and data regions:

OK Cancel Help

Solution Explorer

Search Solution Explorer (Ctrl+F)

Solution 'MansouraReports' (1 project)

MansouraReports

- Shared Data Sources
- ITI_DS1.rds
- Shared Datasets

Reports

- StudsReports.rdl
- Report1.rdl
- Report2.rdl
- Grades.rdl
- Graphs.rdl
- Report3.rdl
- Report4.rdl
- Report5.rdl
- Report6.rdl
- Report7.rdl

Rep... Serve... Tool... SSIS... SQL...

Output Error List Data Tools Operations

Activate Windows Solution Explorer Team Explorer Class View Tabular Model... Go to Settings to activate Windows.

Properties

3-SQL Server Reporting Service-SSRS.

Report Data

New Edit...    

Report7.rdl [Design] Report6.rdl [Design] Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design]

did SD, EL, Java

dept=SD and EL and Java

View Report

1 of 1 100% Find | Next

Report7

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
17	Y			25	30	
15	X			22	30	
9	Saly	Ahmed	Mansoura	24	20	
13	Said			22	30	12
14	omar	Saleh	Tanta	22	30	
12	Noha	Omar	Cairo	21	30	
3	Mona	Saleh	Cairo	28	10	1
11	mohamed ali	Ahmed	Cairo	24	20	9
6	Heba	Farouk	Mansoura	25	20	
10	Fady	Ali	Alex	24	20	9
2	Amr	Magdy	Cairo	21	10	1
7	Ali	Hussien	Cairo	25	20	6
1	Ahmed	Hassan	Cairo	20	10	
4		Mohamed	Alex	23	10	1
5		Moahmed	Alex	24	10	1
8			Alex	28	20	6
16				25	30	
15				25	30	

Report... Serve... Tool... SSIS... SQL...

Output Error List Data Tools Operations

Solution Explorer

Search Solution Explorer (Ctrl+F)

Solution 'MansouraReports' (1 project)

MansouraReports

- Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
- Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl

Properties

Apply Windows Go to Settings to activate Windows.

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Format Report Tools Architecture Test Analyze Window Help

Debug Default Start Solid Black

Report Data

- New Edit...
- Parameters did
- Images
- Data Sources
- Datasets
- Studs
 - St_Id
 - St_Fname
 - St_Lname
 - St_Address
 - St_Age
 - Dept_Id
 - St_super
- MyDepts
 - dept_id
 - dept_name

Report7.rdl [Design] Report6.rdl [Design] Report5.rdl [Design] Report4.rdl [Design] Report3.rdl [Design]

Design Preview

did SD, EL Java

View Report

1 of 1 Find | Next 100%

dept=SD and EL and Java

Report7

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
1	Ahmed	Hassan	Cairo	20	10	
12	Noha	Omar	Cairo	21	30	
2	Amr	Magdy	Cairo	21	10	1
15	X			22	30	
13	Said			22	30	12
14	omar	Saleh	Tanta	22	30	
4		Mohamed	Alex	23	10	1
9	Saly	Ahmed	Mansoura	24	20	
11	mohamed ali	Ahmed	Cairo	24	20	9
10	Fady	Ali	Alex	24	20	9
5		Moahmed	Alex	24	10	1
17	Y			25	30	
6	Heba	Farouk	Mansoura	25	20	
7	Ali	Hussien	Cairo	25	20	6
16				25	30	
44				25	30	
3	Mona	Saleh	Cairo	28	10	1
8				26	20	2

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl

Properties

Activate Windows
Go to Settings to activate Windows.

Rep... Serve... Tool... SSIS... SQL...

Output Error List Data Tools Operations

3-SQL Server Reporting Service-SSRS.

The screenshot shows the Microsoft Visual Studio interface for a SQL Server Reporting Services (SSRS) project named 'MansouraReports'. The main window displays the 'Report7.rdl [Design]' view, which contains a report titled 'Report7' with a table showing student data. The table has columns: St Id, St Fname, St Lname, St Address, St Age, Dept Id, and St super. The data includes rows for students Ahmed, Noha, Amr, and X. A parameter filter 'did' is set to 'SD, EL, Java'. The 'Preview' tab is selected in the ribbon bar. The 'Solution Explorer' pane on the right lists the project structure, including 'Shared Data Sources' (ITI_DS1.rds) and 'Reports' (StudsReports.rdl, Report1.rdl, Report2.rdl, Grades.rdl, Graphs.rdl, Report3.rdl, Report4.rdl, Report5.rdl, Report6.rdl, Report7.rdl). The 'Output' pane at the bottom shows deployment logs:

```
Show output from: Build
Skipping 'Report1.rdl'. Item is up to date.
Skipping 'Report4.rdl'. Item is up to date.
Skipping 'Report5.rdl'. Item is up to date.
Skipping 'Report6.rdl'. Item is up to date.
Skipping 'Report7.rdl'. Item is up to date.
Build complete -- 0 errors, 0 warnings
----- Deploy started: Project: MansouraReports, Configuration: Debug -----
Deploying to http://localhost/ReportServer
Deploying data source '/Data Sources/ITI_DS1'.
Warning : Cannot deploy data source ITI_DS1 to the server because it already exists and OverwriteDataSources is not specified.
Deploying report '/MansouraReports/StudsReports'.
Deploying report '/MansouraReports/Report1'.
Deploying report '/MansouraReports/Report2'.
Deploying report '/MansouraReports/Grades'.
```

Report Data

- > Built-in Fields
- > Parameters
- > Images
- > Data Sources
- > Datasets

Report7.rdl [Design] Report6.rdl [Design] Report5.rdl [Design] Report4.rdl [Design]

Grades.rdl [Design]

Quick Launch (Ctrl+Q) Sign in



Properties

Solution Explorer

Search Solution Explorer (Ctrl+.)

- Solution 'MansouraReports' (1 project)
- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl

Report3

Num	St Id	St Fname	Crs Name	Grade	
1	4		C Progammimg	90	
2	5		C Progammimg	90	
3	8		C Progammimg	70	
4	9 Saly		C Progammimg	70	
5	4		HTML	80	
6	5		HTML	110	
7	6 Heba		HTML	100	
8	9 Saly		Java	100	
9	10 Fady		Java	100	
10	5		OOP	80	

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Tools Archive

Report Data Report7.rdl [Design] R

Report Data New Edit... X ↑ ↓ Report7.rdl [Design] Design Preview

Datasets DataSet1

Report3

Num
«Expr» [St_Id]

Row Groups
= (table1_Details_Group)

Rep... Serve... Tool... SSIS... SQL... Output Error List Data Tools Operations

Dataset Properties

Query

Fields Options Filters Parameters

Choose a data source and create a query.

Name: DataSet1

Use a shared dataset.
 Use a dataset embedded in my report.

Data source: ITI_DS1

Query type:
 Text Table Stored Procedure

Query:

```
SELECT Student.St_Id, Student.St_Fname, Course.Crs_Name, Stud_Course.Grade
FROM Course INNER JOIN
     Stud_Course ON Course.Crs_Id = Stud_Course.Crs_Id INNER JOIN
     Student ON Stud_Course.St_Id = Student.St_Id
WHERE (Stud_Course.Grade >= 50) an
ORDER BY Course.Crs_Name
```

Query Designer... Import... Refresh Fields

OK Cancel

Solution Explorer

Search Solution Explorer (Ctrl+F)

Solution 'MansouraReports' (1 project)

MansouraReports

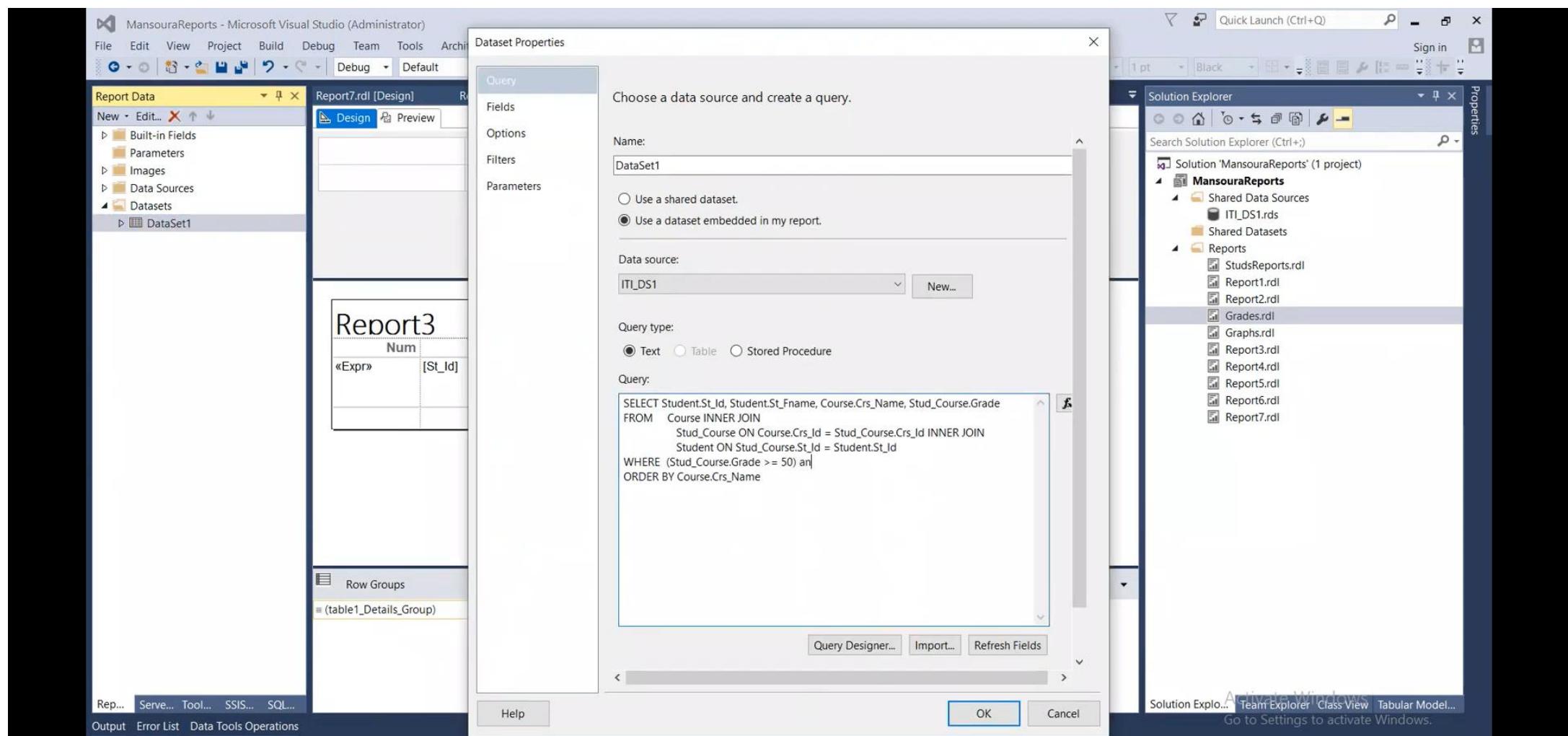
- Shared Data Sources
- ITI_DS1.rds
- Shared Datasets

Reports

- StudsReports.rdl
- Report1.rdl
- Report2.rdl
- Grades.rdl
- Graphs.rdl
- Report3.rdl
- Report4.rdl
- Report5.rdl
- Report6.rdl
- Report7.rdl

Properties

Activate Windows Team Explorer Class View Tabular Model... Go to Settings to activate Windows.



3-SQL Server Reporting Service-SSRS.

The screenshot shows the Microsoft Visual Studio interface for creating a new dataset in a SQL Server Reporting Services (SSRS) project. The main window displays the 'Report Data' pane on the left, which lists various report components like 'Report Data', 'Parameters', 'Images', 'Data Sources', 'Datasets', and 'DataSet1'. A report preview window titled 'Report3' is visible, showing a single table with columns 'Num' and 'Expr'. The 'DataSet1' item is selected in the 'Report Data' list. A central modal dialog box is open, titled 'Dataset1' under the 'Query' tab. It prompts the user to 'Choose a data source and create a query.' The 'Name:' field is set to 'DataSet1'. Two radio button options are present: 'Use a shared dataset.' (unchecked) and 'Use a dataset embedded in my report.' (checked). Below this, a dropdown menu shows 'ITI_DS1' as the selected data source, with a 'New...' button available. The 'Query type:' section includes radio buttons for 'Text' (checked), 'Table', and 'Stored Procedure'. The 'Query:' section contains the following SQL code:

```
SELECT Student.St_Id, Student.St_Fname, Course.Crs_Name, Stud_Course.Grade  
FROM Course INNER JOIN  
    Stud_Course ON Course.Crs_Id = Stud_Course.Crs_Id INNER JOIN  
    Student ON Stud_Course.St_Id = Student.St_Id  
WHERE (Stud_Course.Grade >= 50) and Student.St_Id=@Sid  
ORDER BY Course.Crs_Name
```

At the bottom of the dialog, there are buttons for 'Query Designer...', 'Import...', 'Refresh Fields', 'OK', and 'Cancel'.

The right side of the interface shows the 'Solution Explorer' pane, which lists the project 'MansouraReports' containing 'Shared Data Sources' (ITI_DS1.rds) and 'Reports' (StudsReports.rdl, Report1.rdl, Report2.rdl, Grades.rdl, Graphs.rdl, Report3.rdl, Report4.rdl, Report5.rdl, Report6.rdl, Report7.rdl). The 'Grades.rdl' file is currently selected. The status bar at the bottom indicates 'Activate Windows' and 'Go to Settings to activate Windows.'



Sid

4

I



1

of 1



100%



Find | Next

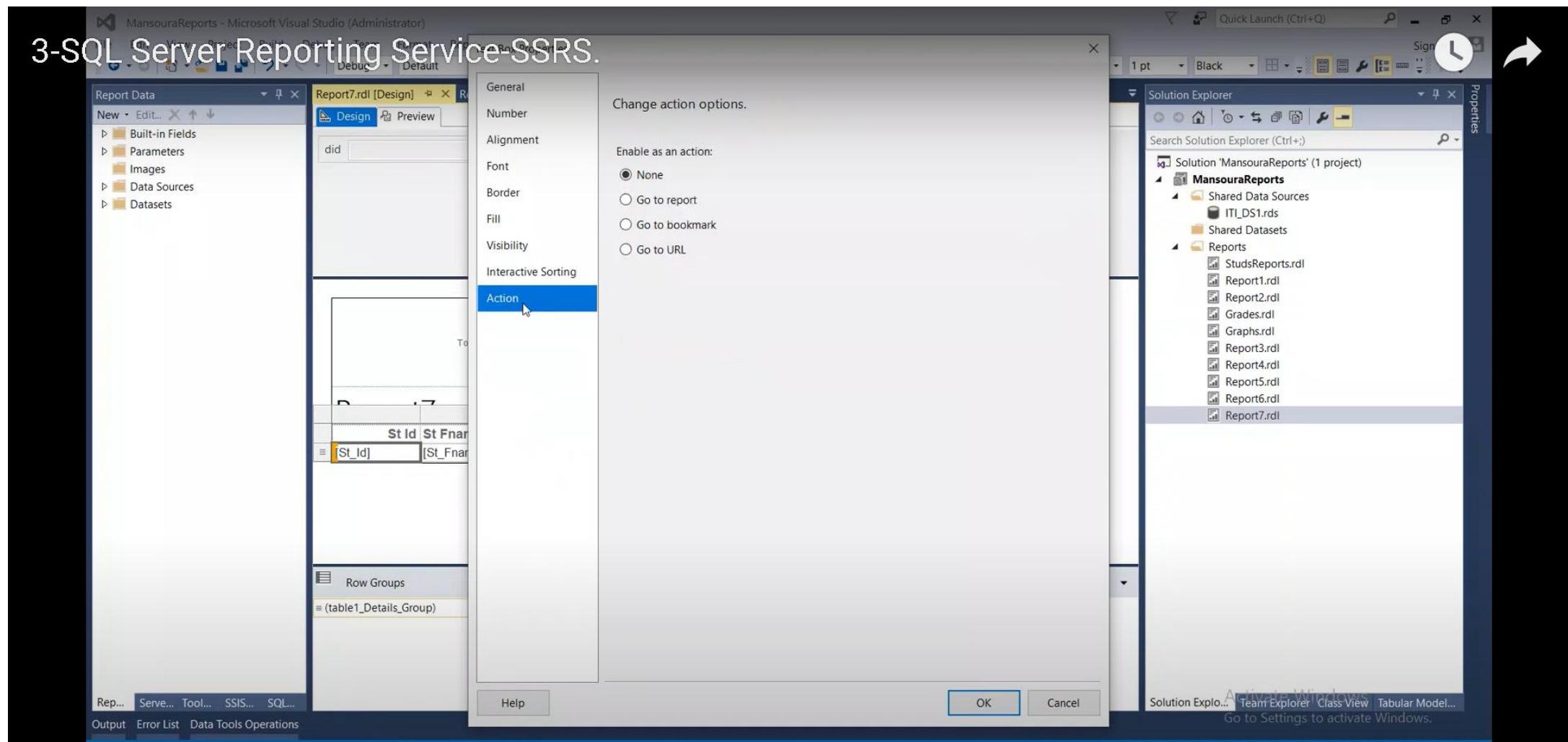
Report3

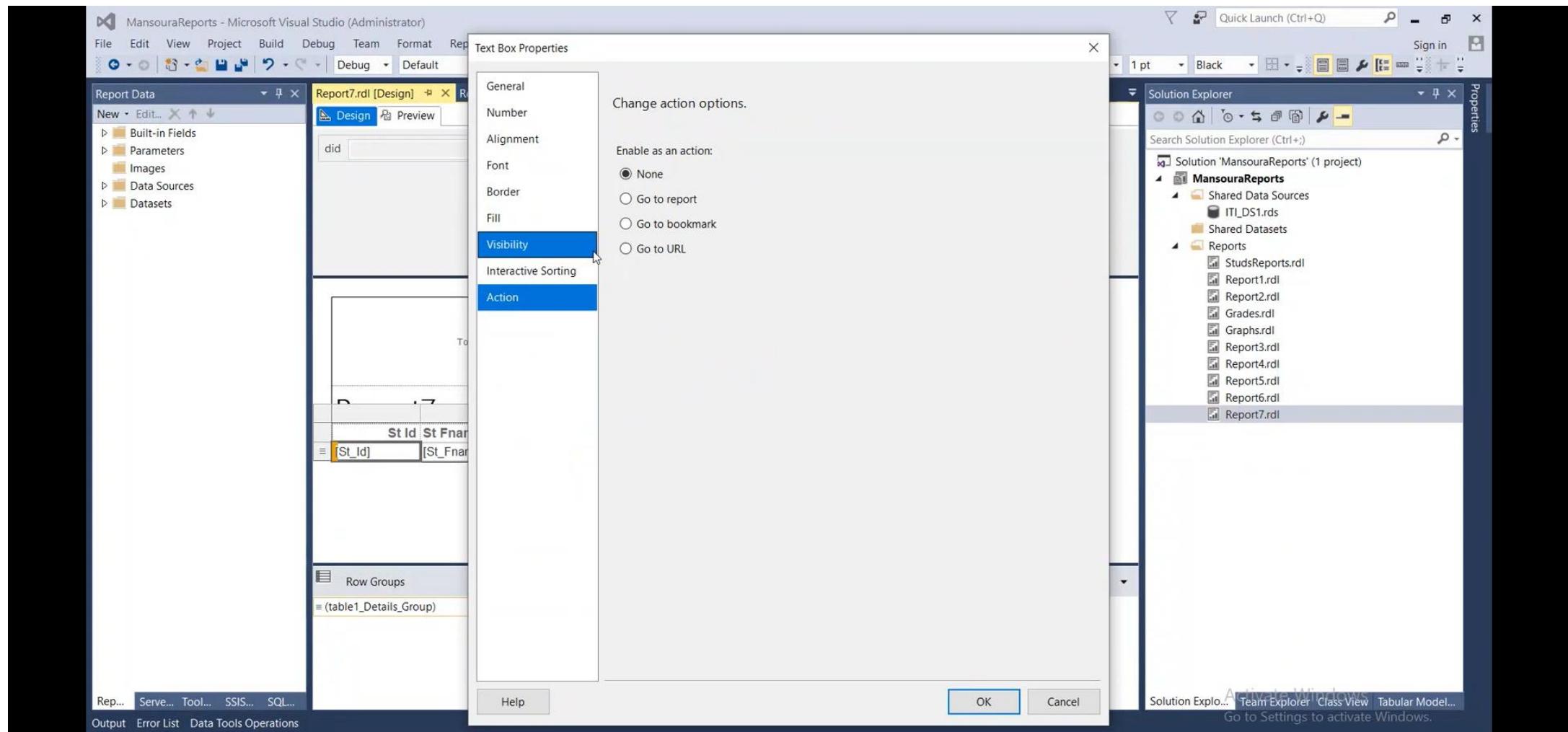
Num	St Id	St Fname	Crs Name	Grade	
1	4		C Progammimg	90	
2	4		HTML	80	
3	4		Oracle	80	
4	4		Unix	100	

3-SQL Server Reporting Service-SSRS.

The screenshot shows the Microsoft Visual Studio interface for developing SQL Server Reporting Services (SSRS) reports. The title bar indicates the project is 'MansouraReports - Microsoft Visual Studio (Administrator)'. The menu bar includes File, View, Project, Build, Tools, Insert, Report, To Do, Score, Test, Analyze, Window, Help. The toolbar has icons for New, Open, Save, Print, etc. The ribbon tabs include Report Data, Report7.rdl [Design], Report6.rdl [Design], Report5.rdl [Design], Grades.rdl [Design], Graphs.rdl [Design]. The Solution Explorer on the right shows a project named 'MansouraReports' with files like ITL_DS1.rds, Shared Datasets, Reports (StudsReports.rdl, Report1.rdl, Report2.rdl, Grades.rdl, Graphs.rdl, Report3.rdl, Report4.rdl, Report5.rdl, Report6.rdl, Report7.rdl). The main area displays the report design for 'Report7.rdl [Design]'. A context menu is open over a text box containing '[St_Id]'. The menu options include Text Box, Cut, Copy, Paste, Delete, Select, Expression..., and Text Box Properties... (which is highlighted with a blue selection bar). Below the menu, the report structure shows a table with columns: name, St Address, St Age, Dept Id, and St super. The table rows contain expressions: [name], [St_Address], [St_Age], [Dept_Id], and [St_super]. The bottom status bar shows 'Ready'.

3-SQL Server Reporting Service SSRS.





MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Format Report

Report Data New Edit... X Up Down Design Preview

Built-in Fields Parameters Images Data Sources Datasets

Report7.rdl [Design] X

did

Action

General Number Alignment Font Border Fill Visibility Interactive Sorting

Change action options.

Enable as an action:

None Go to report Go to bookmark Go to URL

Specify a report:

StudsReports Report1 Report2 Grades Graphs Report3 Report4 Report5 Report6 Report7

OK Cancel Help

Solution Explorer

Search Solution Explorer (Ctrl+F)

Solution 'MansouraReports' (1 project)

MansouraReports

- Shared Data Sources
- ITI_DS1.rds
- Shared Datasets

Reports

- StudsReports.rdl
- Report1.rdl
- Report2.rdl
- Grades.rdl
- Graphs.rdl
- Report3.rdl
- Report4.rdl
- Report5.rdl
- Report6.rdl
- Report7.rdl

Activate Windows

Output Error List Data Tools Operations

Quick Launch (Ctrl+Q) Sign in

1 pt Black

Properties

SQL Server Reporting Service SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data

New Edit... X

Report7.rdl [Design] Design Preview

did

General Number Alignment Font Border Fill Visibility Interactive Sorting Action

Change action options.

Enable as an action:

None Go to report Go to bookmark Go to URL

Specify a report:

Grades

Add Delete

Name Value Omit

Help OK Cancel

Solution Explorer

Search Solution Explorer (Ctrl+)

Solution 'MansouraReports' (1 project)

MansouraReports

- Shared Data Sources
 - ITI_DS1.rds
- Shared Datasets
- Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl

Properties

1 pt Black

Quick Launch (Ctrl+Q) Sign In

Rep... Serve... Tool... SSIS... SQL...

Output Error List Data Tools Operations

Activate Windows

Solution Explorer Team Explorer Class View Tabular Model... Go to Settings to activate Windows.

The screenshot shows the Microsoft Visual Studio interface for developing SQL Server Reporting Services (SSRS) reports. The main window displays the 'Report7.rdl [Design]' view, which includes a table with columns 'St_Id' and 'St_Fname'. A context menu is open over one of the table cells, specifically over the 'St_Id' column header. The menu is titled 'Action' and contains several options: General, Number, Alignment, Font, Border, Fill, Visibility, Interactive Sorting, and Action. The 'Action' option is currently selected. Within the 'Action' menu, there are sub-options for 'Enable as an action' (with 'Go to report' selected), 'Specify a report' (set to 'Grades'), and a parameter configuration table. The parameter table has an 'Add' button and a 'Delete' button, and is currently empty. The 'OK' and 'Cancel' buttons are at the bottom of the menu. On the left, the 'Report Data' pane shows built-in fields, parameters, images, data sources, and datasets. On the right, the 'Solution Explorer' pane shows the project structure under 'MansouraReports', including shared data sources, shared datasets, and various reports like 'Report1.rdl' through 'Report7.rdl'. The status bar at the bottom indicates 'Activate Windows' and provides links to Solution Explorer, Team Explorer, Class View, Tabular Model..., and Go to Settings to activate Windows.

SQL Server Reporting Service SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data

New Edit... X X X Report7.rdl [Design] Design Preview did

General Number Alignment Font Border Fill Visibility Interactive Sorting Action

Change action options.

Enable as an action:

None Go to report Go to bookmark Go to URL

Specify a report:

Grades

Add Delete

Name	Value	Omit
Sid		

Help OK Cancel

Solution Explorer

Search Solution Explorer (Ctrl+)

Solution 'MansouraReports' (1 project)

MansouraReports

- Shared Data Sources
 - ITI_DS1.rds
- Shared Datasets
 - SharedDataset1.rsd
- Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl

Activate Windows

Output Error List Data Tools Operations

Rep... Serve... Tool... SSIS... SQL...

Solution Explorer Team Explorer Class View Tabular Model... Go to Settings to activate Windows.

The screenshot shows the Microsoft Visual Studio interface for developing SQL Server Reporting Services (SSRS) reports. The main window displays the 'Report7.rdl [Design]' view, which contains a table with columns 'St_Id' and 'St_Fname'. A context menu is open on the 'St_Id' column, specifically on the 'Action' tab of the properties pane. The 'Action' tab allows setting actions like 'Go to report', 'Go to bookmark', or 'Go to URL'. In this case, 'Go to report' is selected, and the report 'Grades' is chosen from the dropdown. Below the dropdown, there's a table for specifying parameters, with one parameter named 'Sid' currently listed. The Solution Explorer on the right shows the project structure, including shared data sources, datasets, and various reports like 'StudsReports.rdl' and 'Report1.rdl' through 'Report7.rdl'. The status bar at the bottom indicates 'Activate Windows'.

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Format Report Tools Architecture Test Analyze Window Help

Report Data Report7.rdl [Design] Report6.rdl [Design] Report5.rdl [Design] Grades.rdl [Design] Graphs.rdl [Design]

Design Preview did SD, EL, Java View Report

Report7

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
17	Y			25	30	
15	X	Saly	Ahmed	22	30	
13	Said			24	20	
14	omar	Saleh	Tanta	22	30	
12	Noha	Omar	Cairo	21	30	
3	Mona	Saleh	Cairo	28	10	1
11	mohamed ali	Ahmed	Cairo	24	20	9
6	Heba	Farouk	Mansoura	25	20	
10	Fady	Ali	Alex	24	20	9
2	Amr	Magdy	Cairo	21	10	1
7	Ali	Hussien	Cairo	25	20	6
1	Ahmed	Hassan	Cairo	20	10	
4		Mohamed	Alex	23	10	1
5		Moahmed	Alex	24	10	1
8			Alex	28	20	6
16				25	30	

Report Data Solution Explorer Properties

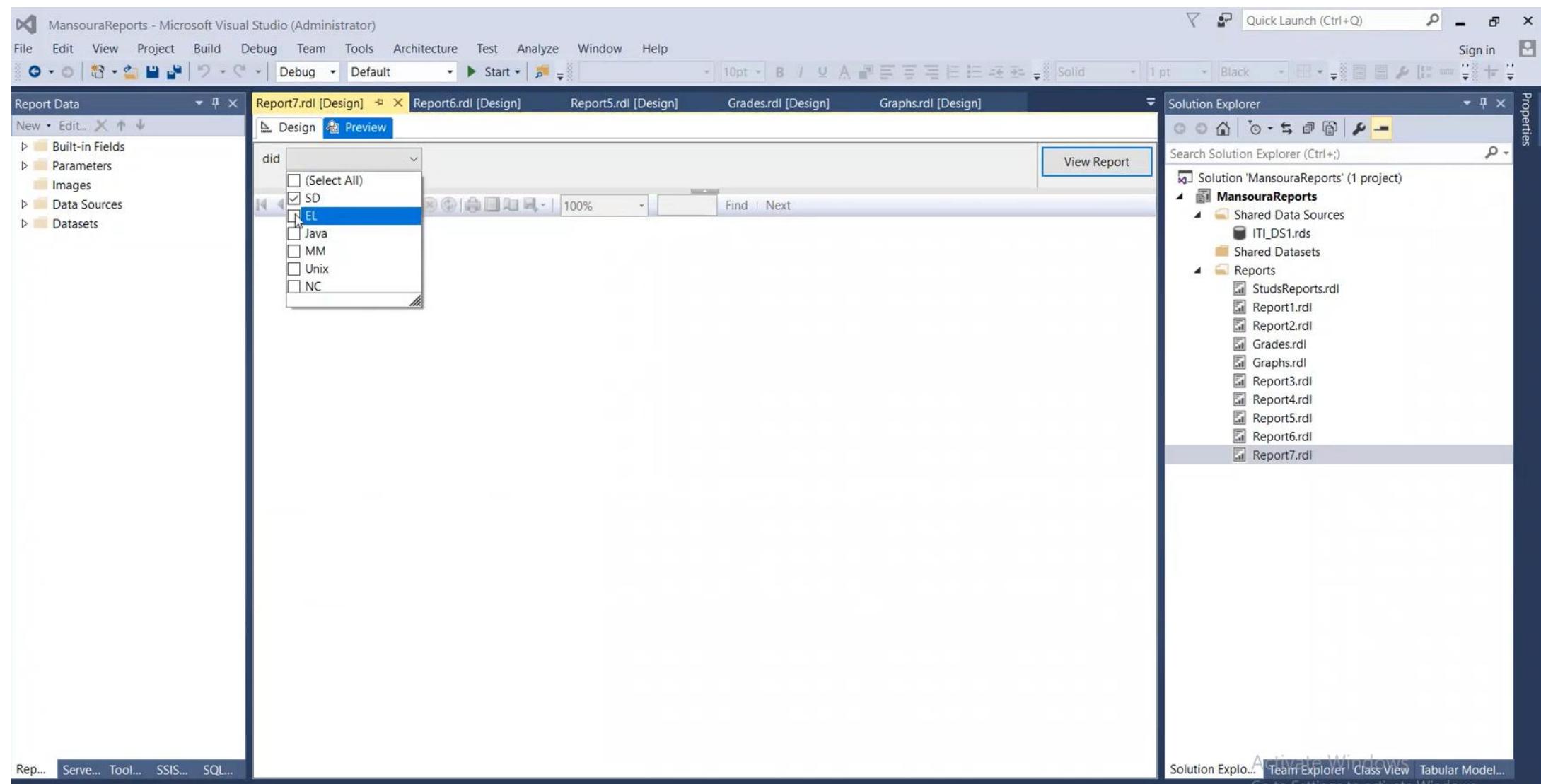
Search Solution Explorer (Ctrl+F)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl

Rep... Serve... Tool... SSIS... SQL...

Solution Explorer Team Explorer Class View Tabular Model...



MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Format Report Tools Architecture Test Analyze Window Help

Report Data

Report7.rdl [Design] Report6.rdl [Design] Report5.rdl [Design] Grades.rdl Graphs.rdl [Design]

Design Preview

Sid 5

View Report

Find | Next

1 of 1

100%

Report3

Num	St Id	St Fname	Crs Name	Grade
1	5		C Progammimg	90
2	5		HTML	110
3	5		OOP	80
4	5		Oracle	70
5	5		Unix	100

Smiley faces corresponding to grades:

- Row 1: Grade 90 (Yellow)
- Row 2: Grade 110 (Green)
- Row 3: Grade 80 (Yellow)
- Row 4: Grade 70 (Red)
- Row 5: Grade 100 (Green)

Solution Explorer

Search Solution Explorer (Ctrl+F)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl

Properties

Rep... Serve... Tool... SSIS... SQL...

Solution Explorer Team Explorer Class View Tabular Model... Go to Settings to activate Windows.

Output Error List Data Tools Operations

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Tools Architecture Help

Report Data New Edit... Parameters Sid Report7.rdl [Design] Design Preview

Report3 Num Expr [SL_Id]

Row Groups (table1_Details_Group)

Report Parameter Properties

General Available Values Default Values Advanced

Change name, data type, and other options.

Name: Sid

Prompt: Sid

Data type: Text

Allow blank value ("")
 Allow null value
 Allow multiple values

Select parameter visibility:

Visible
 Hidden
 Internal

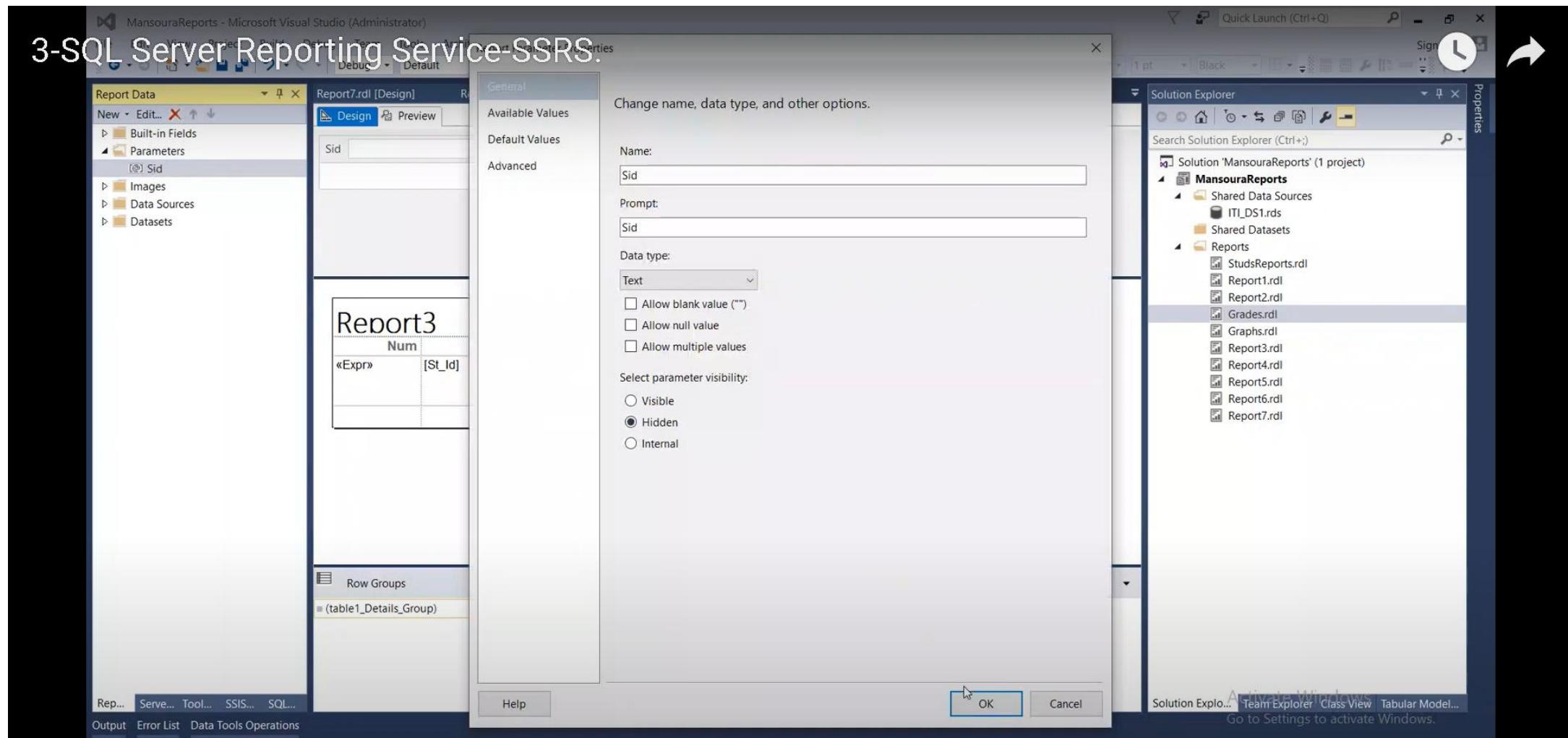
Help OK Cancel

Solution Explorer Solution 'MansouraReports' (1 project) MansouraReports Shared Data Sources ITI_DS1.rds Shared Datasets Reports StudsReports.rdl Report1.rdl Report2.rdl Grades.rdl Graphs.rdl Report3.rdl Report4.rdl Report5.rdl Report6.rdl Report7.rdl

Output Error List Data Tools Operations

Activate Windows Solution Explorer Team Explorer Class View Tabular Model... Go to Settings to activate Windows.

3-SQL Server Reporting Service-SSRS:



3-SQL Server Reporting Service-SSRS

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data Report7.rdl [Design] Report6.rdl [Design] Report5.rdl [Design] Grades.rdl Graphs.rdl [Design]

did SD, EL, Java View Report

1 of 1 Find | Next 100%

Report7

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
17	Y			25	30	
15	X			22	30	
9	Saly	Ahmed	Mansoura	24	20	
13	Said			22	30	12
14	omar	Saleh	Tanta	22	30	
12	Noha	Omar	Cairo	21	30	
3	Mona	Saleh	Cairo	28	10	1
11	mohamed ali	Ahmed	Cairo	24	20	9
6	Heba	Farouk	Mansoura	25	20	
10	Fady	Ali	Alex	24	20	9
2	Amr	Magdy	Cairo	21	10	1
7	Ali	Hussien	Cairo	25	20	6
1	Ahmed	Hassan	Cairo	20	10	
4		Mohamed	Alex	23	10	1
5		Moahmed	Alex	24	10	1
8			Alex	28	20	6
16				25	30	
25				26	26	

Rep... Serve... Tool... SSIS... SQL... Solution Explorer Team Explorer Class View Tabular Model... Go to Settings to activate Windows.

Output Error List Data Tools Operations

Activate Windows

Properties

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl

3-SQL Server Reporting Service-SSRS.

Num	St Id	St Fname	Crs Name	Grade
1	9	Saly	C Progammimg	70
2	9	Saly	Java	100

The screenshot shows the Microsoft Visual Studio interface for a project named 'MansouraReports'. The main window displays the design view of 'Report3.rdl'. The report contains two data rows:

Num	St Id	St Fname	Crs Name	Grade
1	9	Saly	C Programming	70
2	9	Saly	Java	100

A small smiley face icon is positioned next to the second row. The Solution Explorer on the right lists the project structure, including 'Shared Data Sources' and 'Reports' containing multiple RDL files.

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Format Report Tools Architecture Test Analyze Window Help

Report Data Report7.rdl [Design] Report6.rdl [Design] Report5.rdl [Design] Grades.rdl Graphs.rdl [Design]

Quick Launch (Ctrl+Q) Sign in

Report Data New Edit... did Design Preview

Solution Explorer

Search Solution Explorer (Ctrl+Shift+F)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl

Properties

To add an item to the page header: add an item to the report and then drag it here.

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
[St_Id]	[St_Fname]	[St_Lname]	[St_Address]	[St_Age]	[Dept_Id]	[St_super]

Row Groups Column Groups

(table1_Details_Group)

Rep... Serve... Tool... SSIS... SQL... Activate Windows
Output Error List Data Tools Operations Solution Explor... Team Explorer Class View Tabular Model... Go to Settings to activate Windows.

The screenshot shows the Microsoft Visual Studio interface for report development. The main area displays the 'Report7.rdl [Design]' tab, which contains a table with seven columns: St Id, St Fname, St Lname, St Address, St Age, Dept Id, and St super. Above the table, there is a placeholder message: 'To add an item to the page header: add an item to the report and then drag it here.' Below the table, the 'Row Groups' and 'Column Groups' sections are visible, with '(table1_Details_Group)' selected. The left sidebar shows the 'Report Data' pane with options like 'New', 'Edit...', and a dropdown menu. The right sidebar shows the 'Solution Explorer' with the project structure, including 'MansouraReports' with its shared data sources, datasets, and various reports. The bottom navigation bar includes links for 'Rep...', 'Serve...', 'Tool...', 'SSIS...', 'SQL...', 'Output', 'Error List', 'Data Tools Operations', 'Solution Explor...', 'Team Explorer', 'Class View', 'Tabular Model...', and activation information for Windows.

DESKTOP-VF50P25.ITI - dbo.Course - Microsoft SQL Server Management Studio

File Edit View Project Debug Query Designer Tools Window Help

New Query Generic Debugger

Object Explorer

Connect . (SQL Server 13.0.1742.0 - DESKTOP-VF50P25) Databases System Databases Database Snapshots AdventureWorks2012 AdventureWorksDW2012 Company_SD ITI Database Diagrams Tables System Tables FileTables External Tables dbo.Course dbo.Department dbo.Ins_Course dbo.Instructor dbo.sales dbo.Stud_Course dbo.Student dbo.Topic Views External Resources Synonyms Programmability Service Broker Storage Security Mansoura_DB MyDW ReportServer ReportServerTempDB sales SD

SQLQuery1.sql - (1...VF50P25\Ram (61))*

Crs_Id	Crs_Name	Crs_Duration	Top_Id
100	HTML	20	3
200	C Progammimg	60	1
300	OOP	80	1
400	Unix	50	4
500	SQL Server	60	2
600	C#	80	1
700	Web Service	20	3
800	Java	60	1
900	Oracle	50	2
1000	ASP.Net	60	3
1100	Win_XP	20	4
1200	Photoshop	30	5
*	NULL	NULL	NULL

Properties Template Browser

Activate Windows

DESKTOP-VF50P25.ITI - dbo.Course - Microsoft SQL Server Management Studio

File Edit View Project Debug Query Designer Tools Window Help

New Query Generic Debugger

Object Explorer

Connect . (SQL Server 13.0.1742.0 - DESKTOP-VF50P25) Databases System Databases Database Snapshots AdventureWorks2012 AdventureWorksDW2012 Company_SD ITI Database Diagrams Tables System Tables FileTables External Tables dbo.Course dbo.Department dbo.Ins_Course dbo.Instructor dbo.sales dbo.Stud_Course dbo.Student dbo.Topic Columns Keys Constraints Triggers Indexes Statistics Views External Resources Synonyms Programmability Service Broker Storage Security

DESKTOP-VF50P25.ITI - dbo.Course SQLQuery1.sql - (l...-VF50P25\Rami (61))*

Crs_Id	Crs_Name	Crs_Duration	Top_Id
100	HTML	20	3
200	C Progammimg	60	1
300	OOP	80	1
400	Unix	50	4
500	SQL Server	60	2
600	C#	80	1
700	Web Service	20	3
800	Java	60	1
900	Oracle	50	2
1000	ASP.Net	60	3
1100	Win_XP	20	4
1200	Photoshop	30	5
*	NULL	NULL	NULL

Properties Template Browser

Activate Windows

12 of 12

DESKTOP-VF50P25.ITI - dbo.Topic - Microsoft SQL Server Management Studio

File Edit View Project Debug Query Designer Tools Window Help

New Query Generic Debugger

Object Explorer

Connect . (SQL Server 13.0.1742.0 - DESKTOP-VF50P25.ITI)

- Databases
 - System Databases
 - Database Snapshots
 - AdventureWorks2012
 - AdventureWorksDW2012
 - Company_SD
 - ITI
 - Database Diagrams
 - Tables
 - System Tables
 - FileTables
 - External Tables
 - dbo.Course
 - dbo.Department
 - dbo.Ins_Course
 - dbo.Instructor
 - dbo.sales
 - dbo.Stud_Course
 - dbo.Student
 - Views
 - External Resources
 - Synonyms
 - Programmability
 - Service Broker
 - Storage
 - Security

Properties Template Browser

DESKTOP-VF50P25.ITI - dbo.Topic

DESKTOP-VF50P25.ITI - dbo.Course

SQLQuery1.sql - (L...-VF50P25\Rami (61))*

Top_Id	Top_Name
1	Programming
2	DB
3	Web
4	Operating Syste...
5	Design
*	NULL

Activate Windows

The screenshot shows the Microsoft SQL Server Management Studio interface. The Object Explorer pane on the left displays a tree view of database objects, including databases like 'AdventureWorks2012', 'AdventureWorksDW2012', and 'Company_SD', and tables such as 'dbo.Course', 'dbo.Department', and 'dbo.Topic'. The 'dbo.Topic' table is selected in the main results pane, showing a list of topics with columns 'Top_Id' and 'Top_Name'. The table data is as follows:

Top_Id	Top_Name
1	Programming
2	DB
3	Web
4	Operating Syste...
5	Design
*	NULL

3-SQL Server Reporting Service-SSRS.

Crs_Id	Crs_Name	Crs_Duration	Top_Id
100	HTML	20	3
200	C Programming	60	1
300	OOP	80	1
400	Unix	50	4
500	SQL Server	60	2
600	C#	80	1
700	Web Service	20	3
800	Java	60	1
900	Oracle	50	2
1000	ASP.Net	60	3
1100	Win_XP	20	4
1200	Photoshop	30	5
*	NULL	NULL	NULL

3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data Report7.rdl [Design] Report6.rdl [Design] Report5.rdl [Design] Grades.rdl [Design] Graphs.rdl [Design]

Design Preview did

Solid 1 pt Black

Report Data New Edit... did

Built-in Fields Parameters Images Data Sources Datasets

- Studs
 - St_Id
 - St_Fname
 - St_Lname
 - St_Address
 - St_Age
 - Dept_Id
 - St_super
- MyDepts
 - dept_id
 - dept_name

To add an item to the page header: add an item to the report and then drag it here.

Report7

St Id	St Fname	St Lname	St Address	St Age	Dept Id	St super
[St_Id]	[St_Fname]	[St_Lname]	[St_Address]	[St_Age]	[Dept_Id]	[St_super]

Row Groups Column Groups

(table1_Details_Group)

Solution Explorer Add New Report Add Properties

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

MansouraReports

- Shared Data Sources
 - ITI_DS1.rds
- Shared Datasets

Report7.rdl

New Item... Ctrl+Shift+A

Existing Item... Shift+Alt+A

Properties Alt+Enter

Grades.rdl

Graphs.rdl

Report3.rdl

Report4.rdl

Report5.rdl

Report6.rdl

Report7.rdl

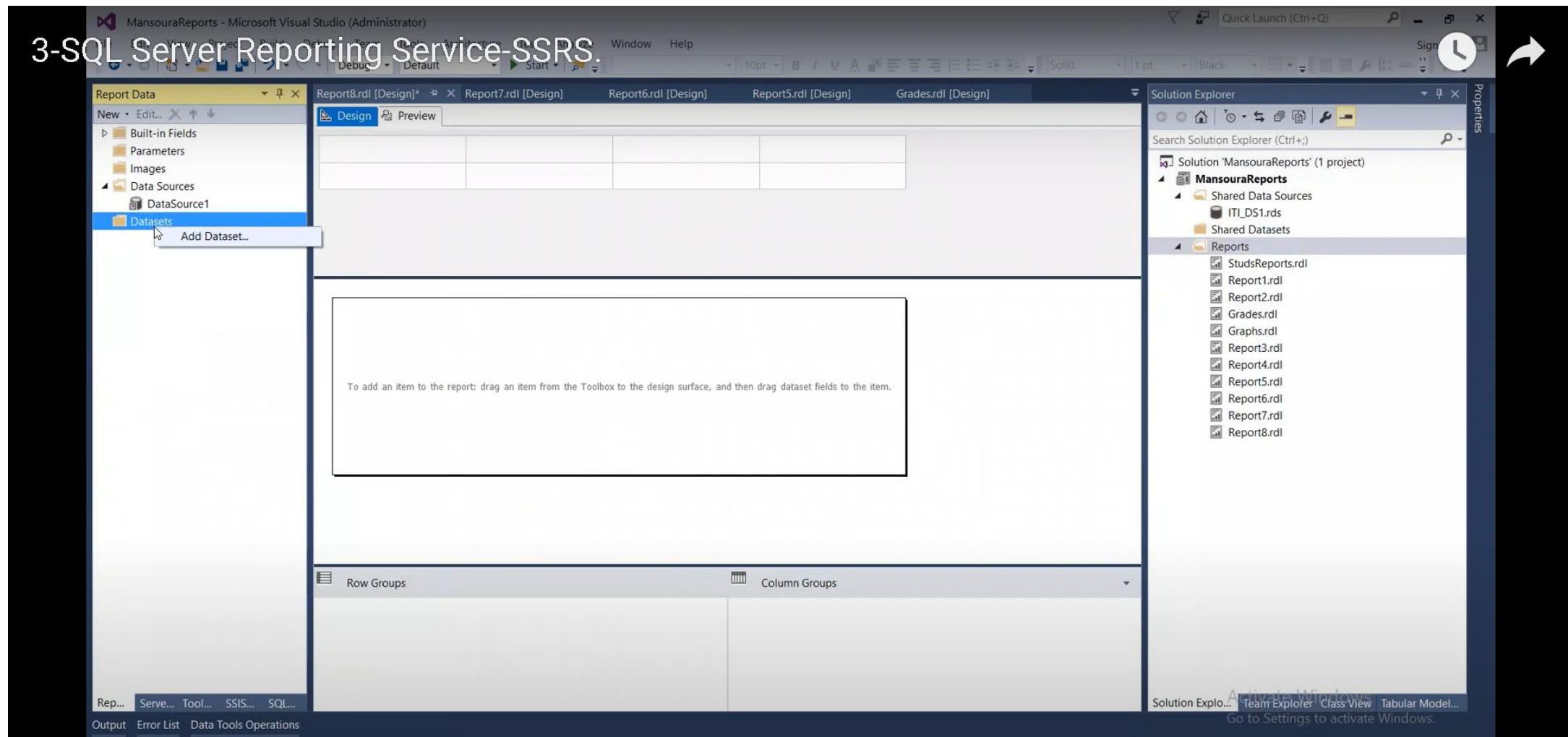
Rep... Serve... Tool... SSIS... SQL...

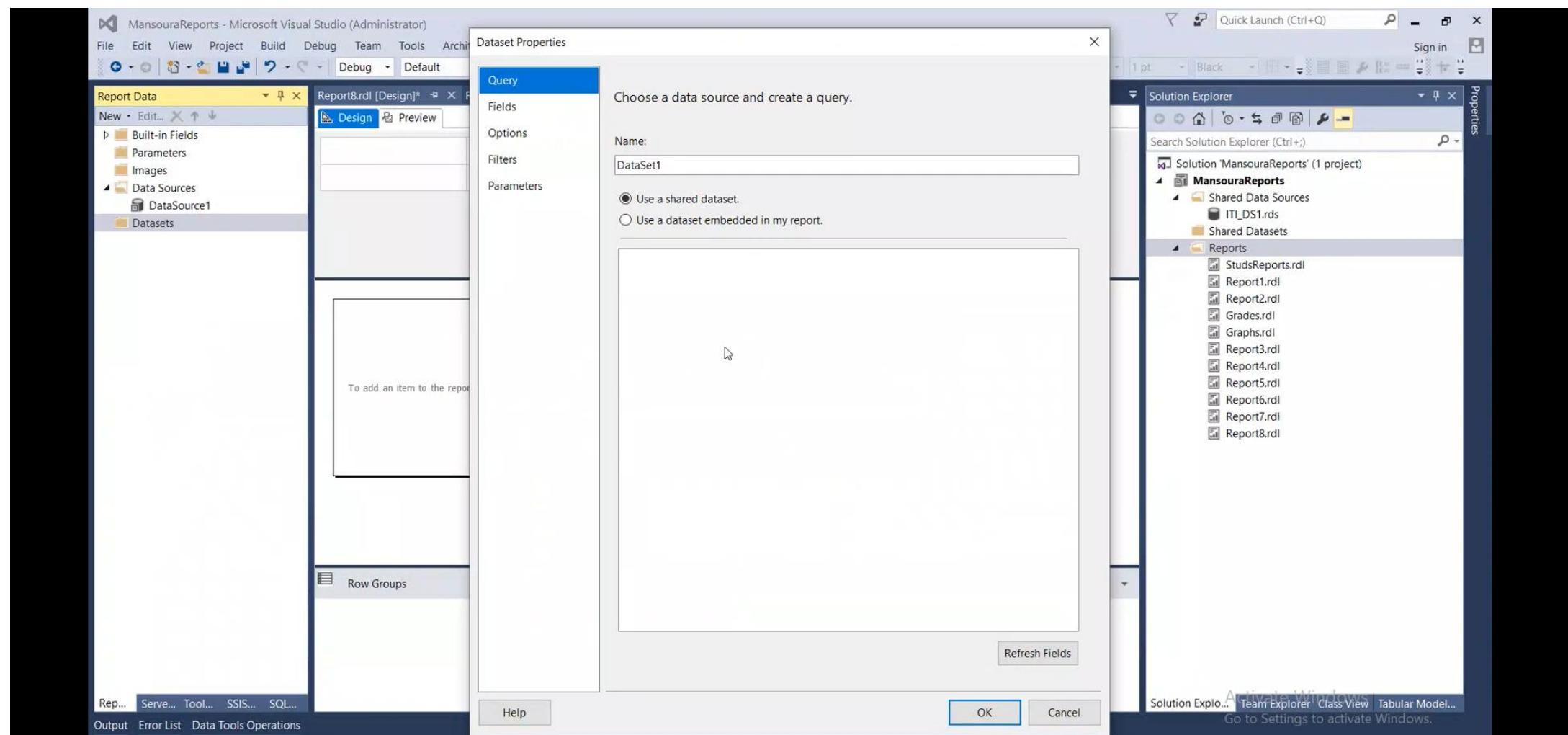
Activate Windows

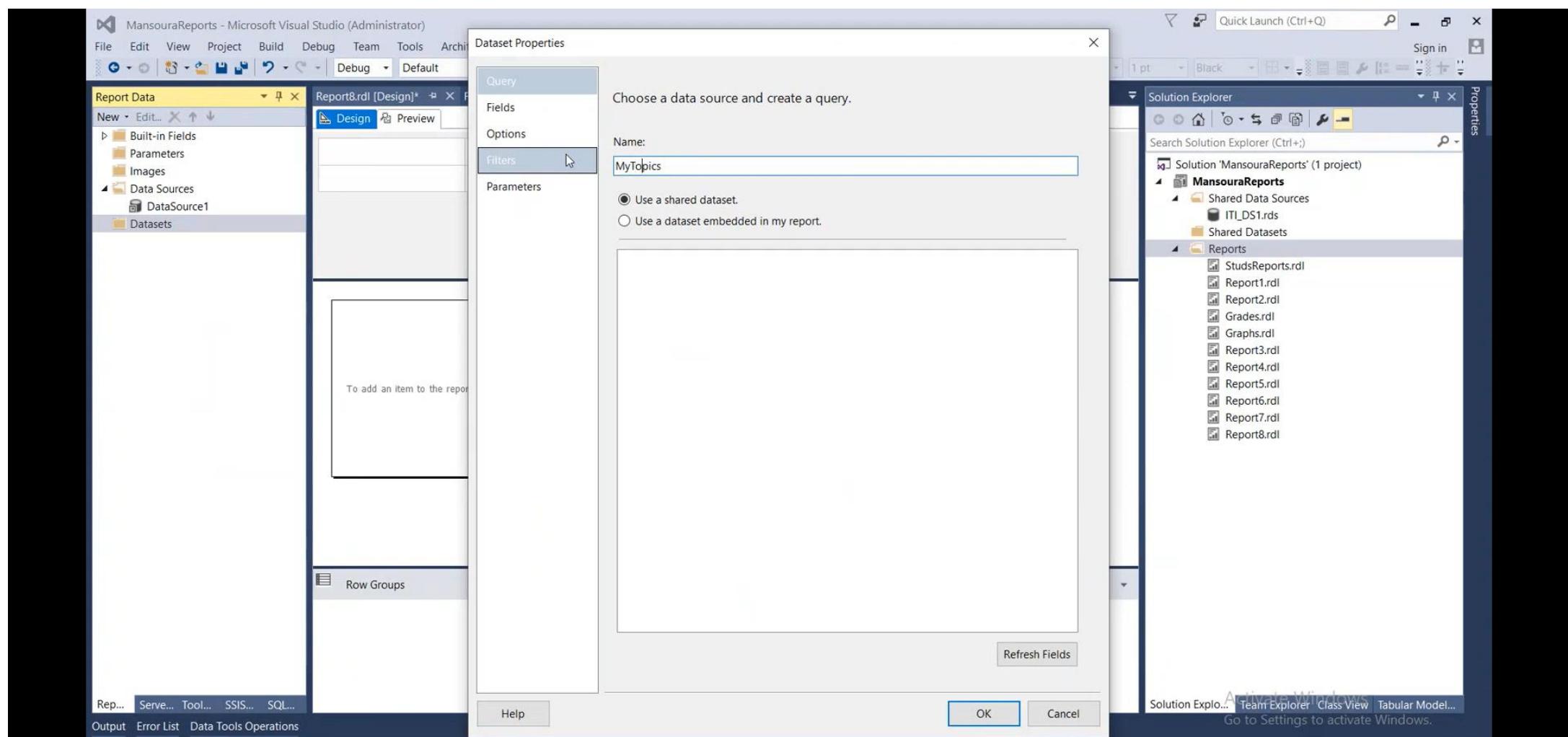
Solution Explorer Team Explorer Class View Tabular Model...

The screenshot shows the Microsoft Visual Studio interface for developing SQL Server Reporting Services (SSRS) reports. The main window displays the 'Report7.rdl [Design]' view, which includes a table with seven columns: St Id, St Fname, St Lname, St Address, St Age, Dept Id, and St super. The 'Report Data' pane on the left lists datasets and their fields, such as 'Studs' and 'MyDepts'. A context menu is open over the report area, with 'Add New Report' highlighted. The Solution Explorer on the right shows the project structure under 'MansouraReports', including shared data sources and datasets. The status bar at the bottom indicates various development tools like 'Rep...', 'Serve...', 'Tool...', 'SSIS...', and 'SQL...'. The title bar shows the project name 'MansouraReports' and the Visual Studio version.

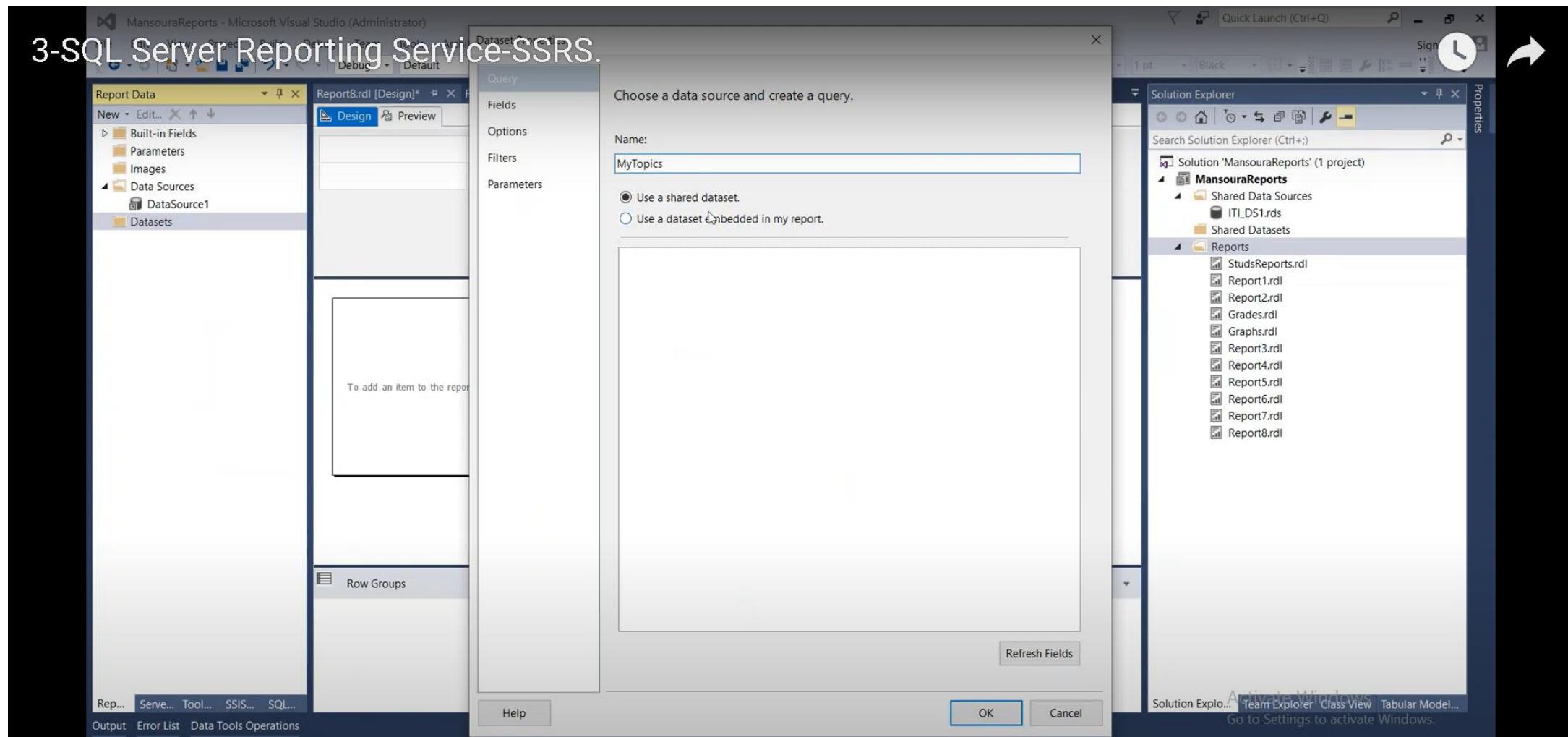
3-SQL Server Reporting Service-SSRS.



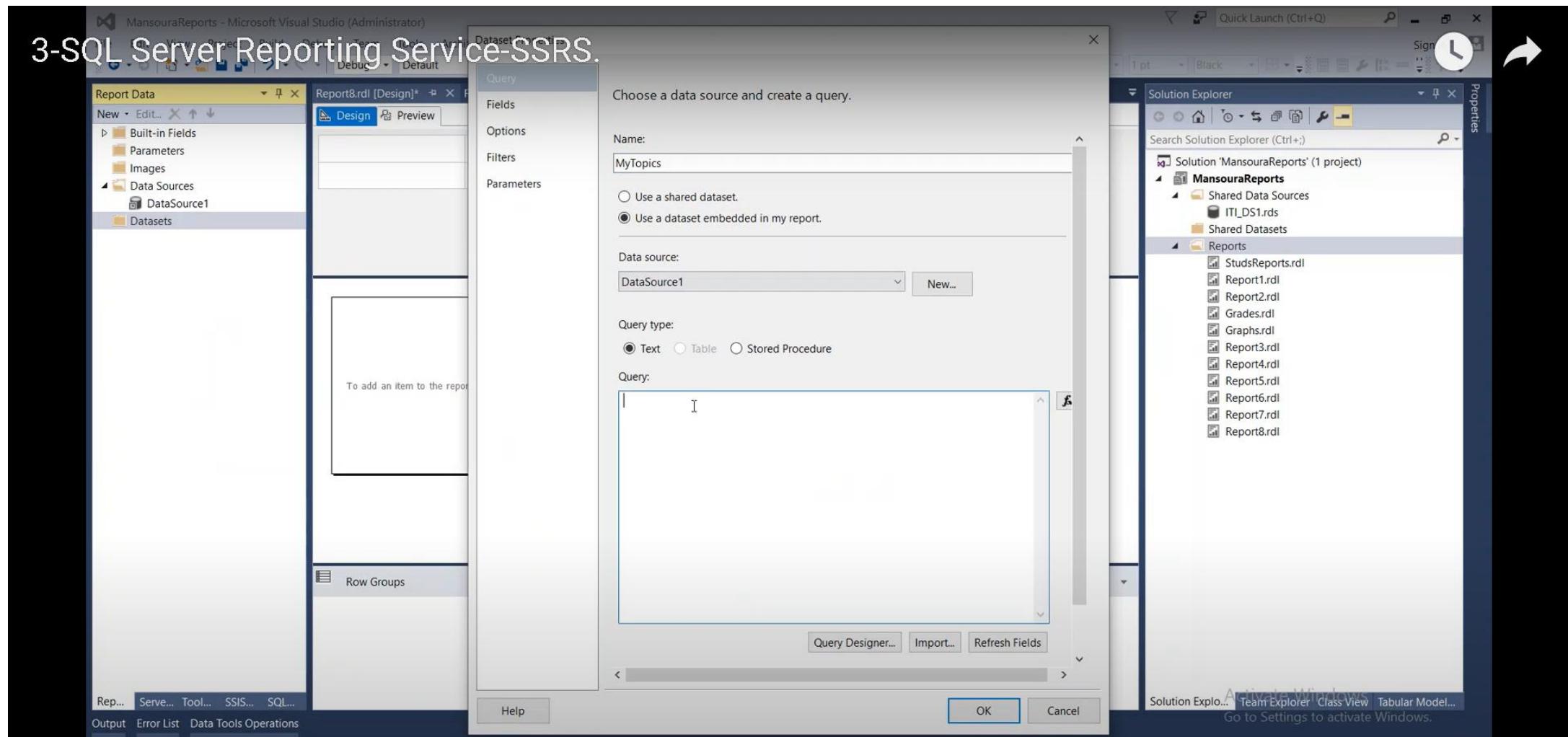




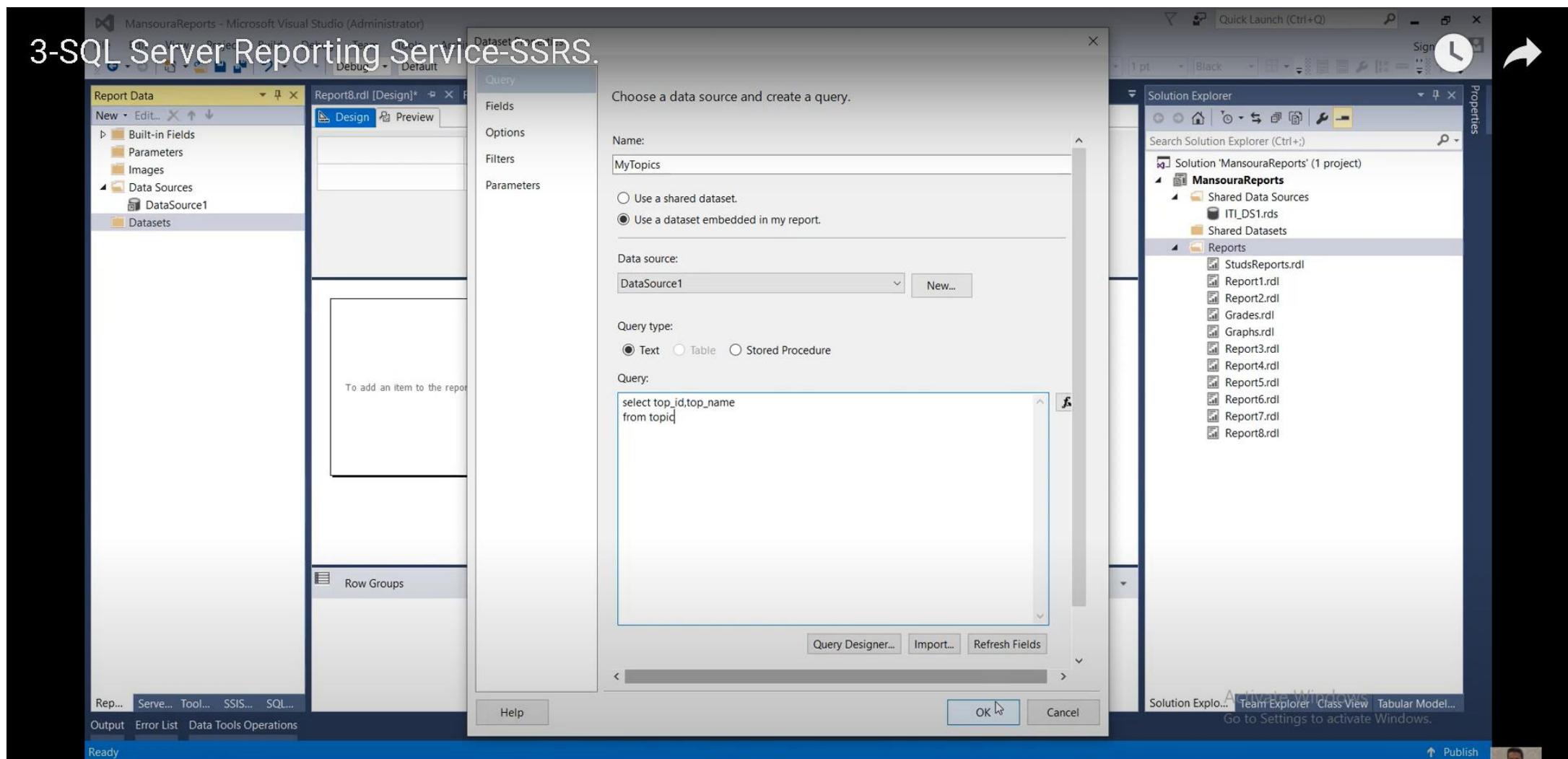
3-SQL Server Reporting Service-SSRS.



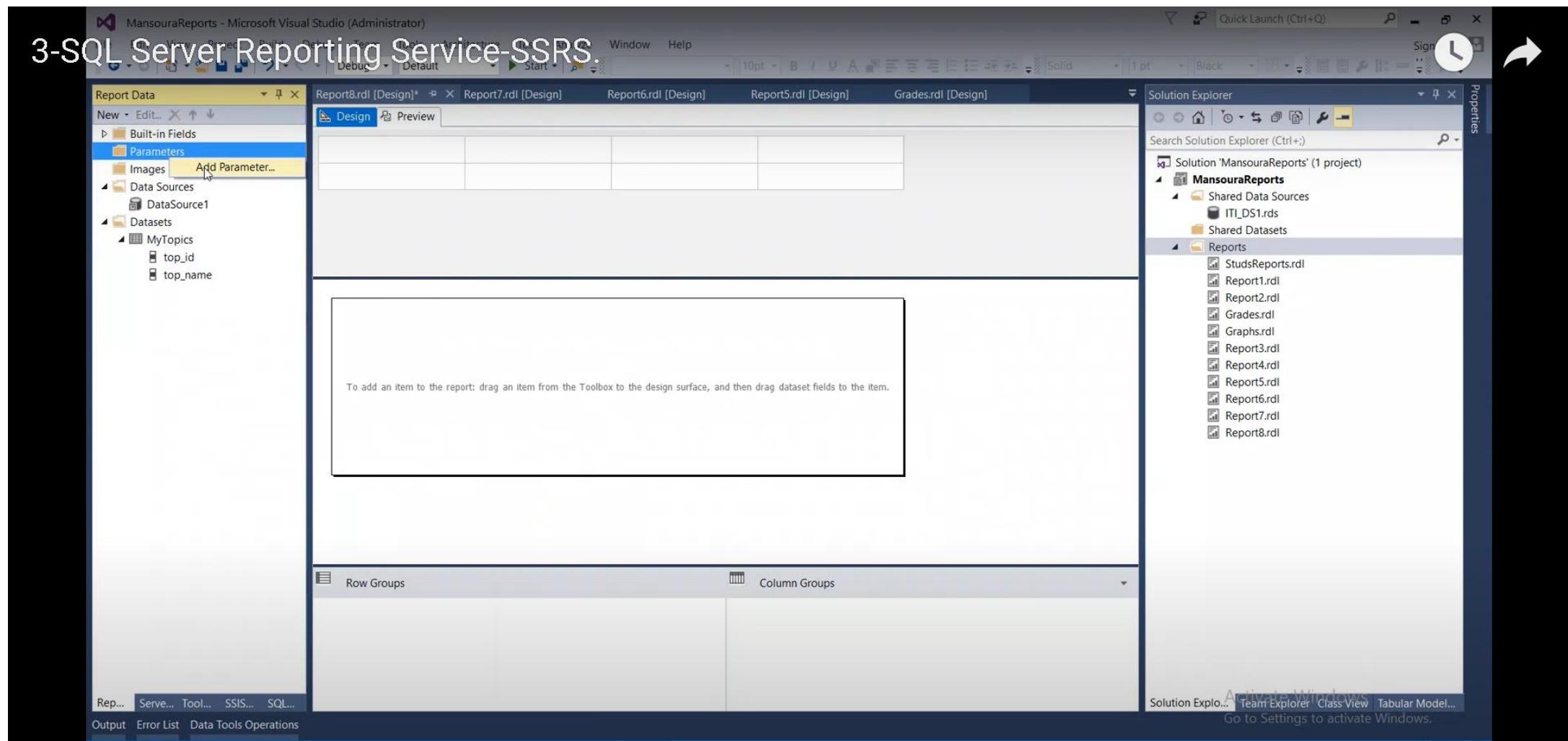
3-SQL Server Reporting Service-SSRS.

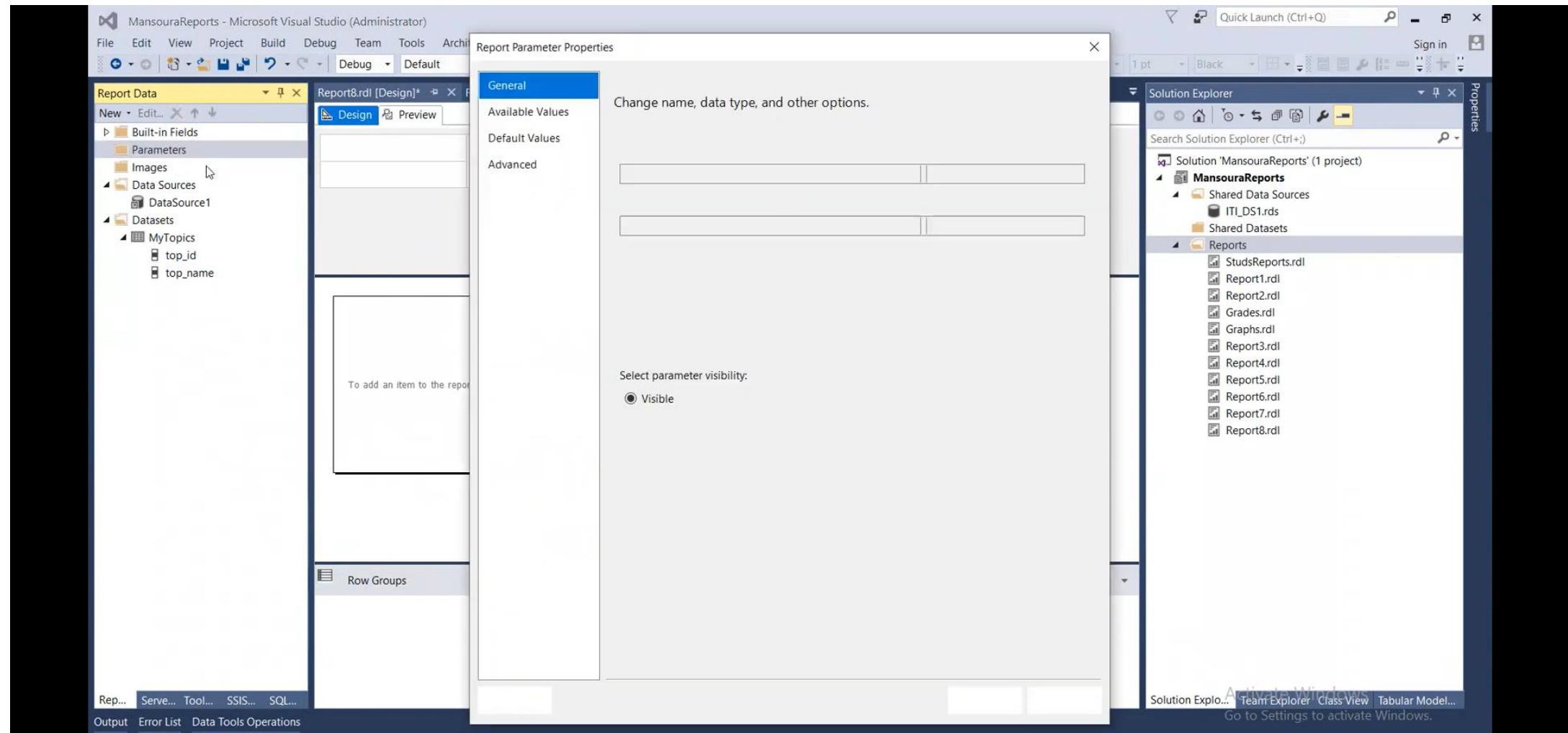


3-SQL Server Reporting Service-SSRS.

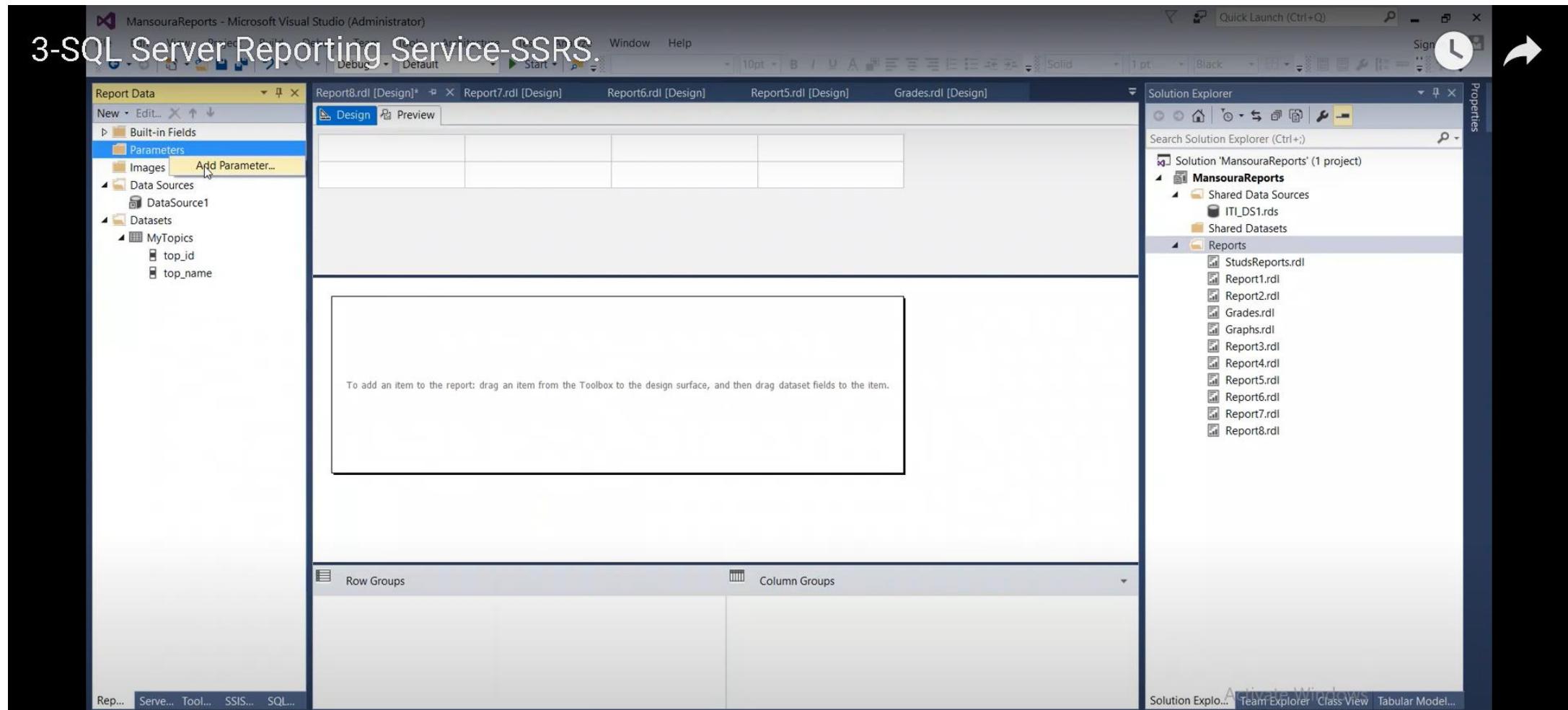


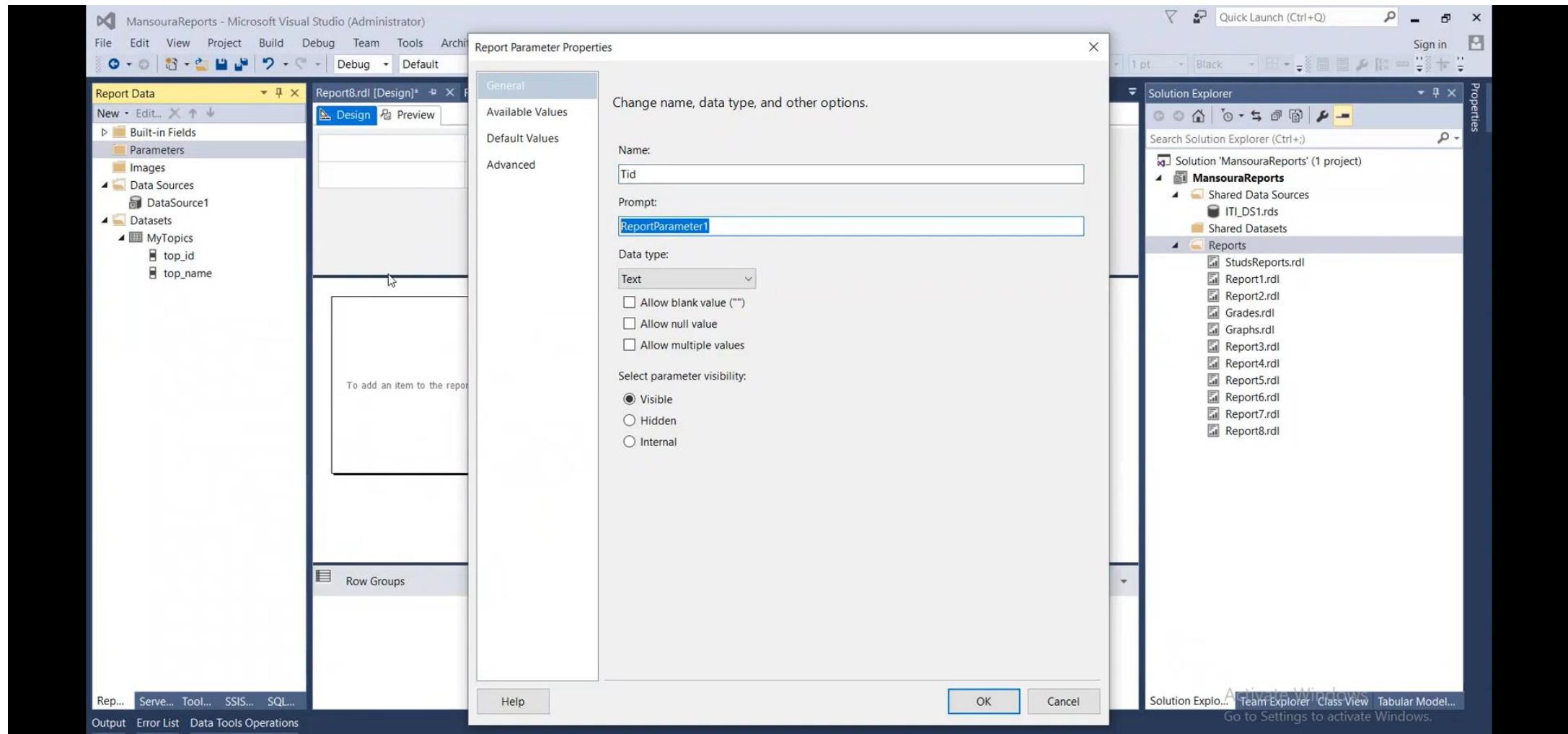
3-SQL Server Reporting Service-SSRS.



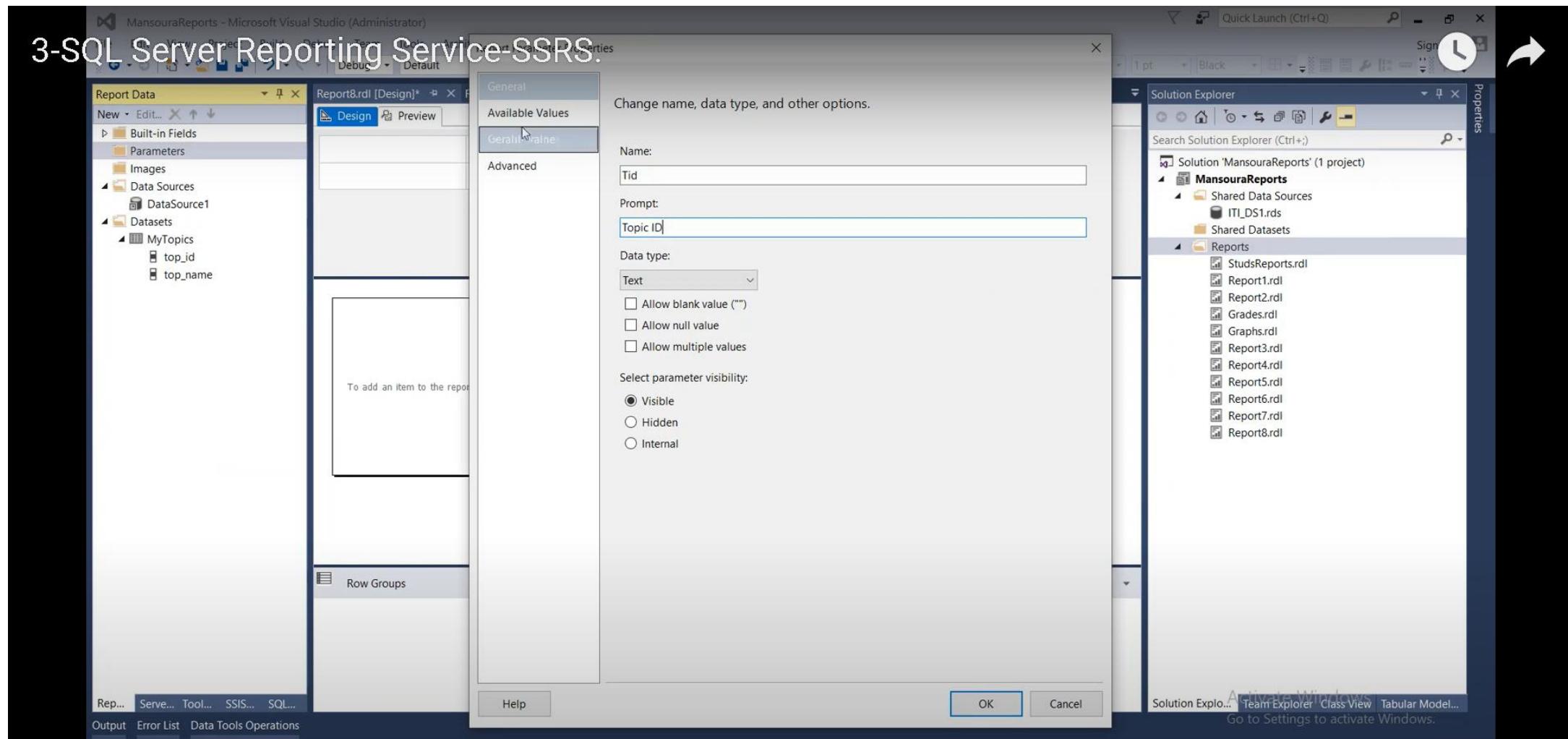


3-SQL Server Reporting Service-SSRS

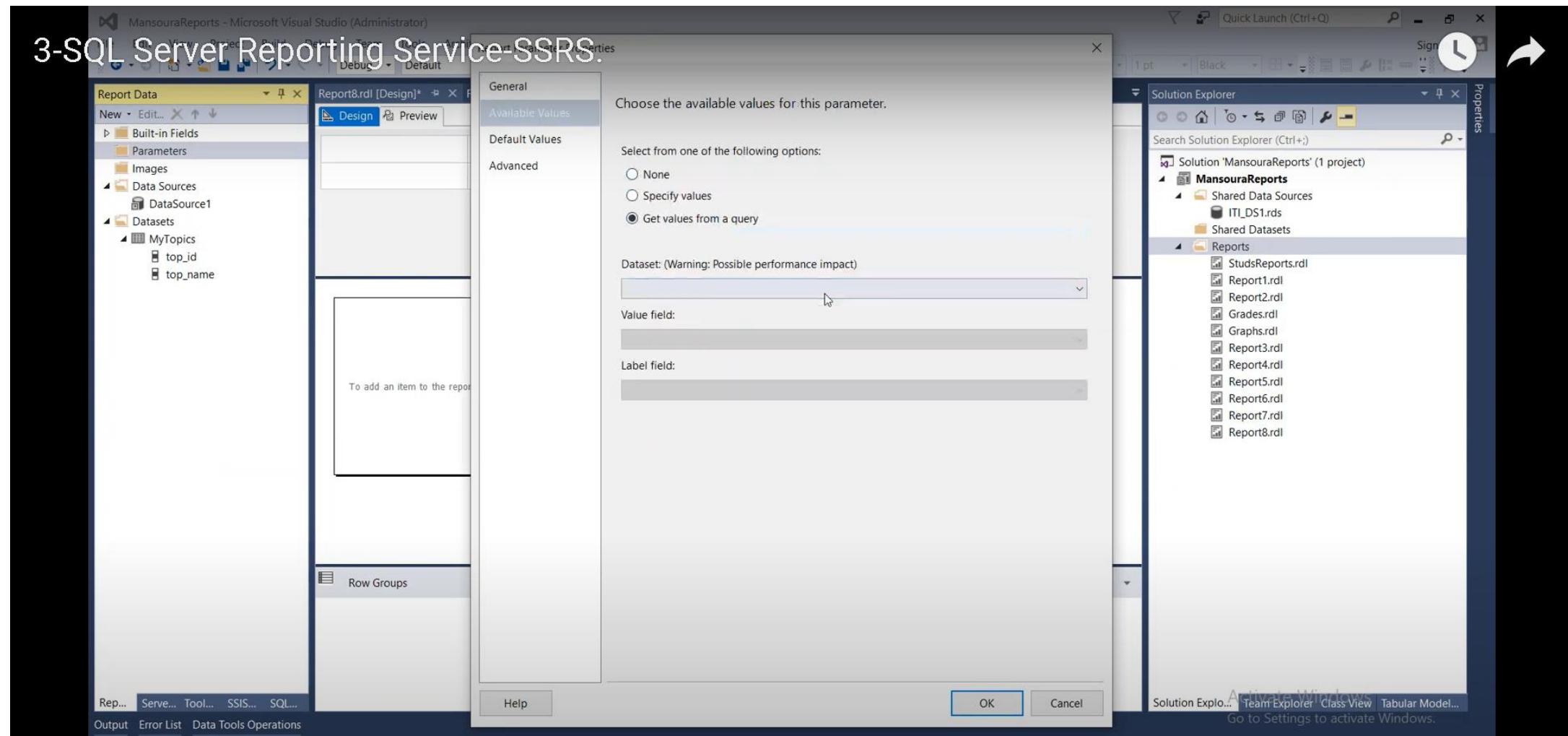




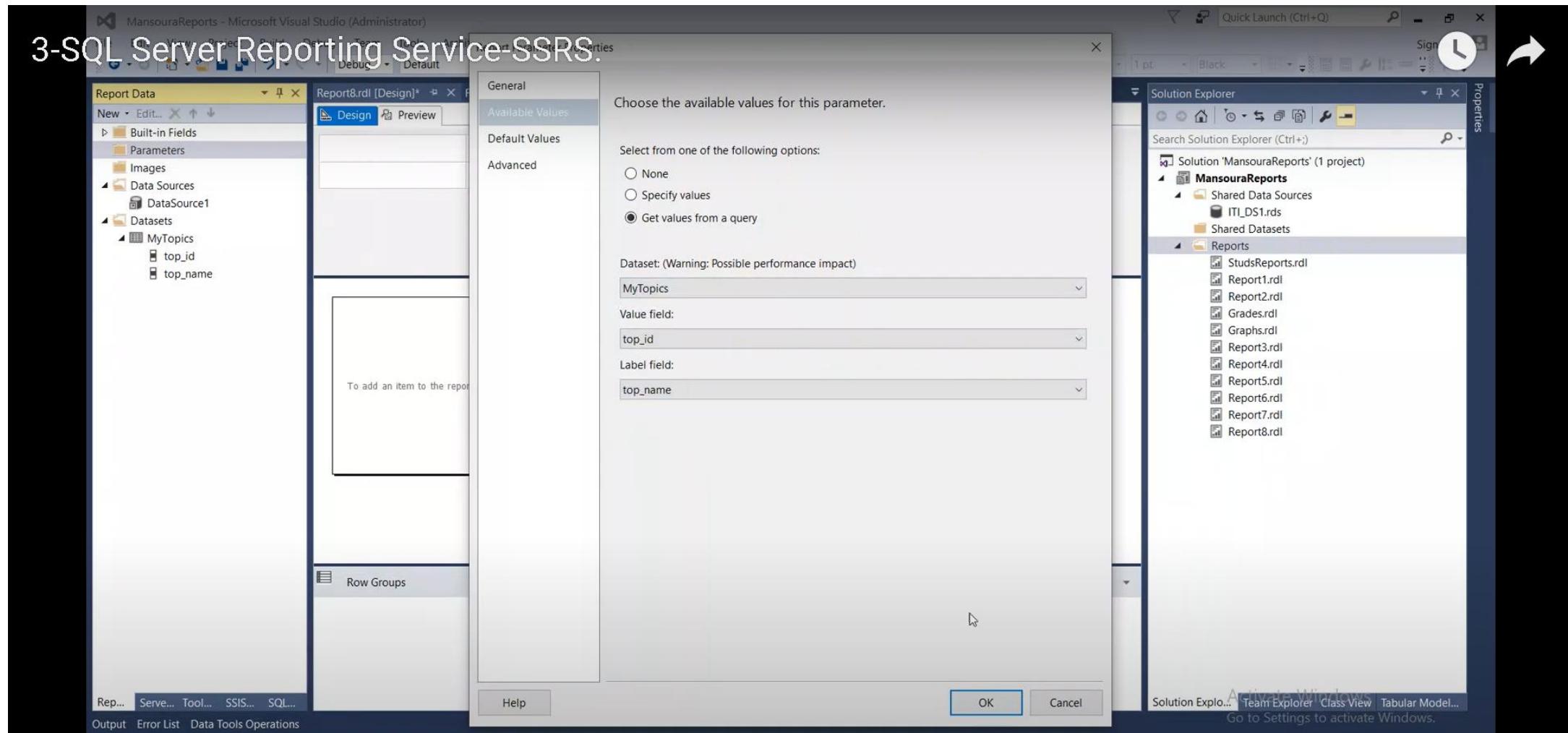
3-SQL Server Reporting Service SSRS:



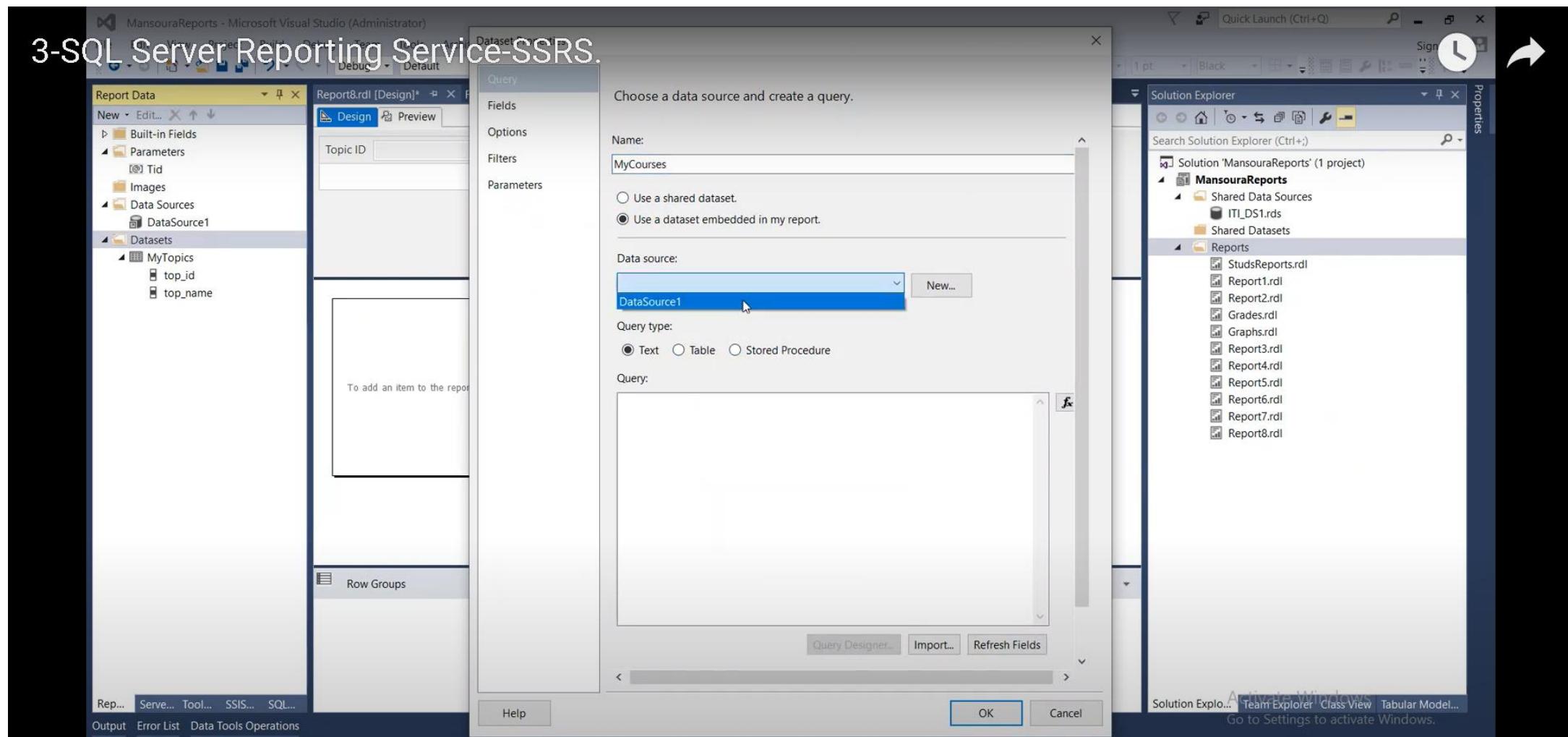
3-SQL Server Reporting Service-SSRS:



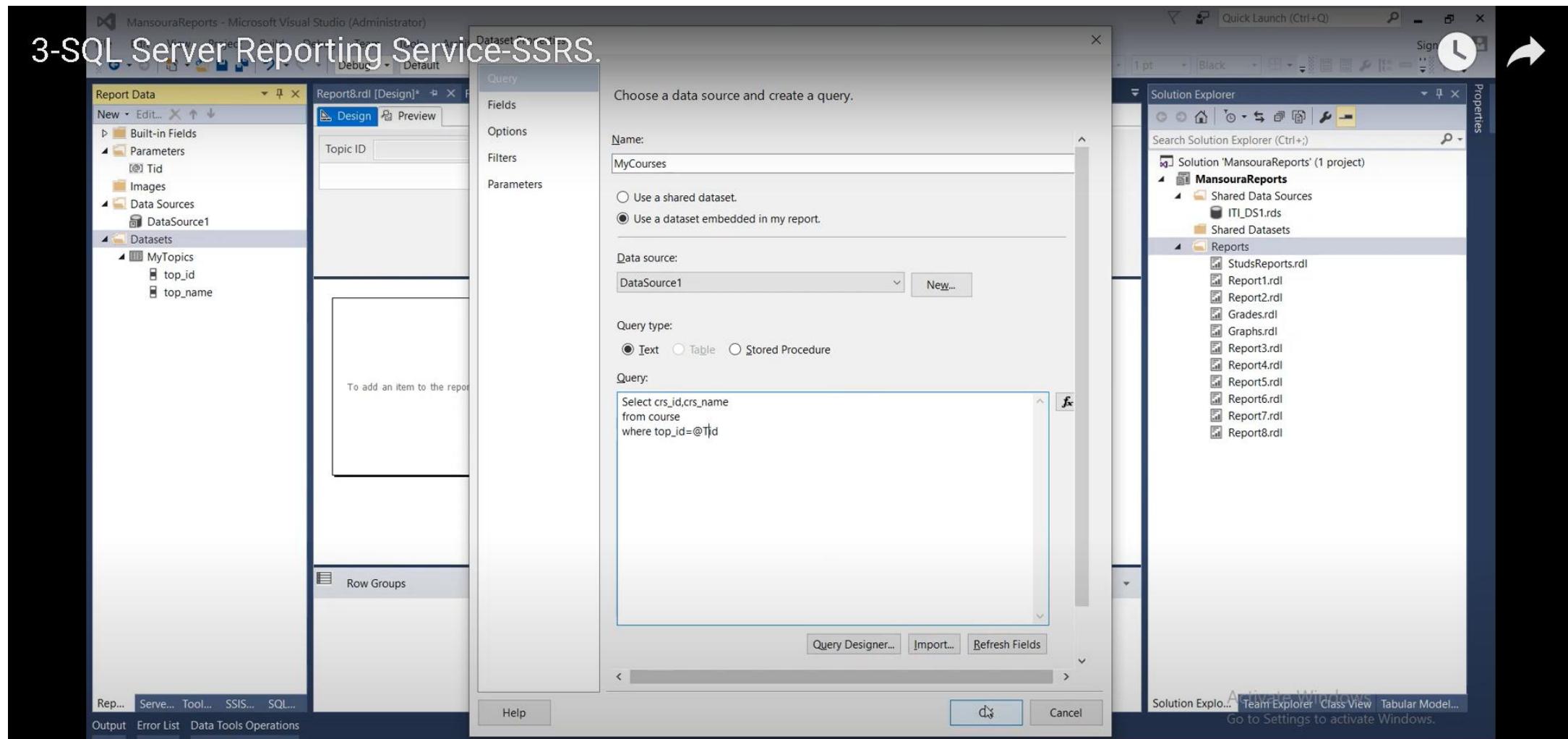
3-SQL Server Reporting Service-SSRS:



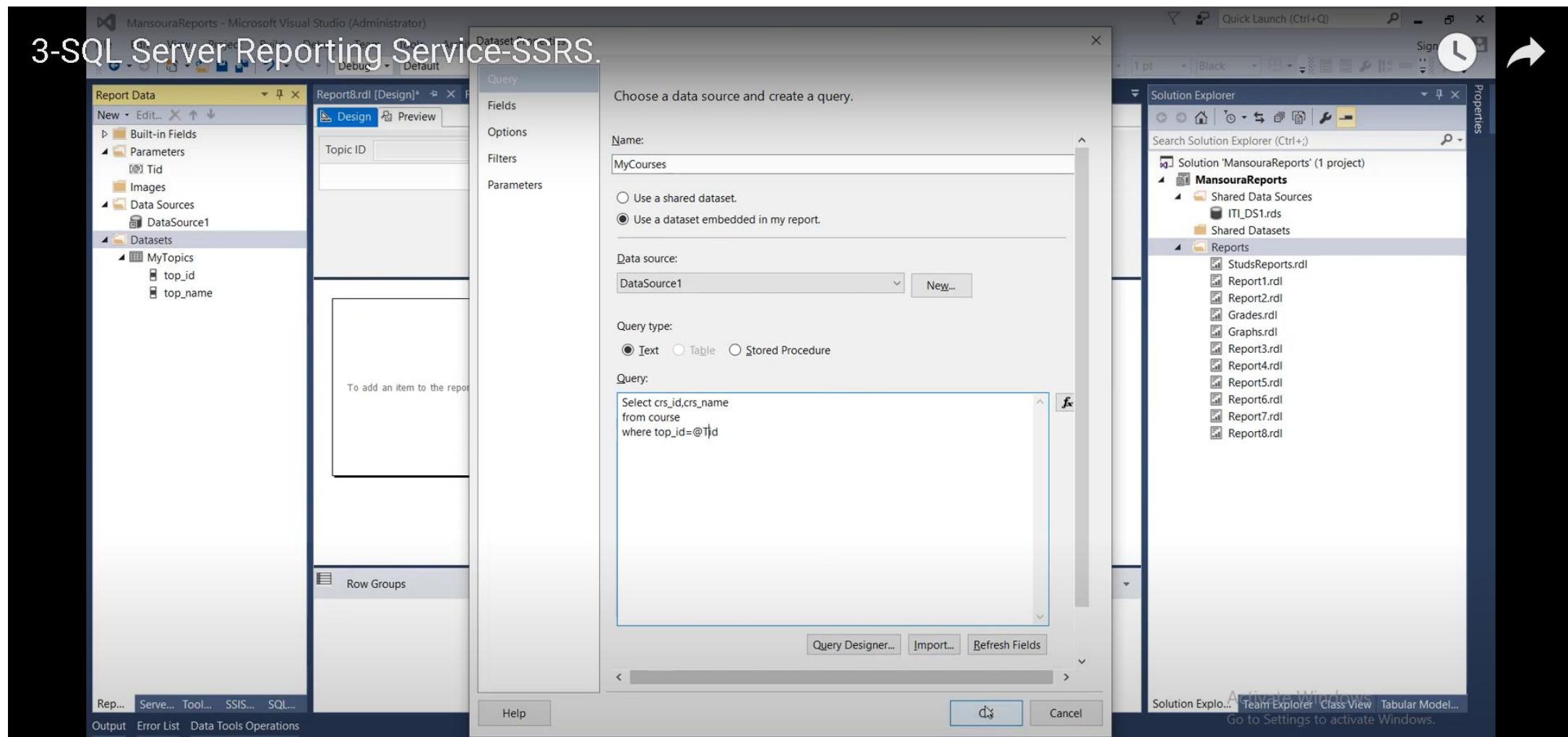
3-SQL Server Reporting Service-SSRS.



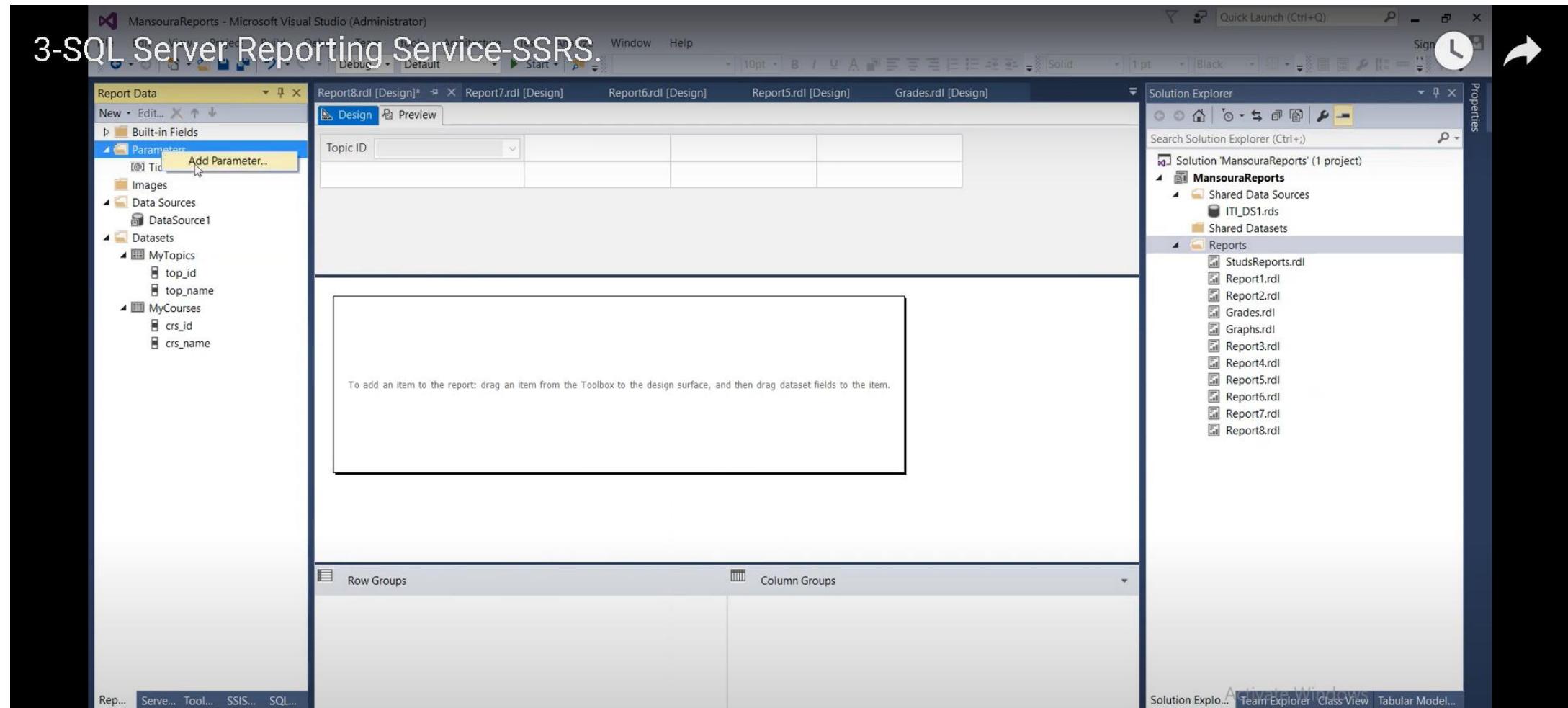
3-SQL Server Reporting Service-SSRS.

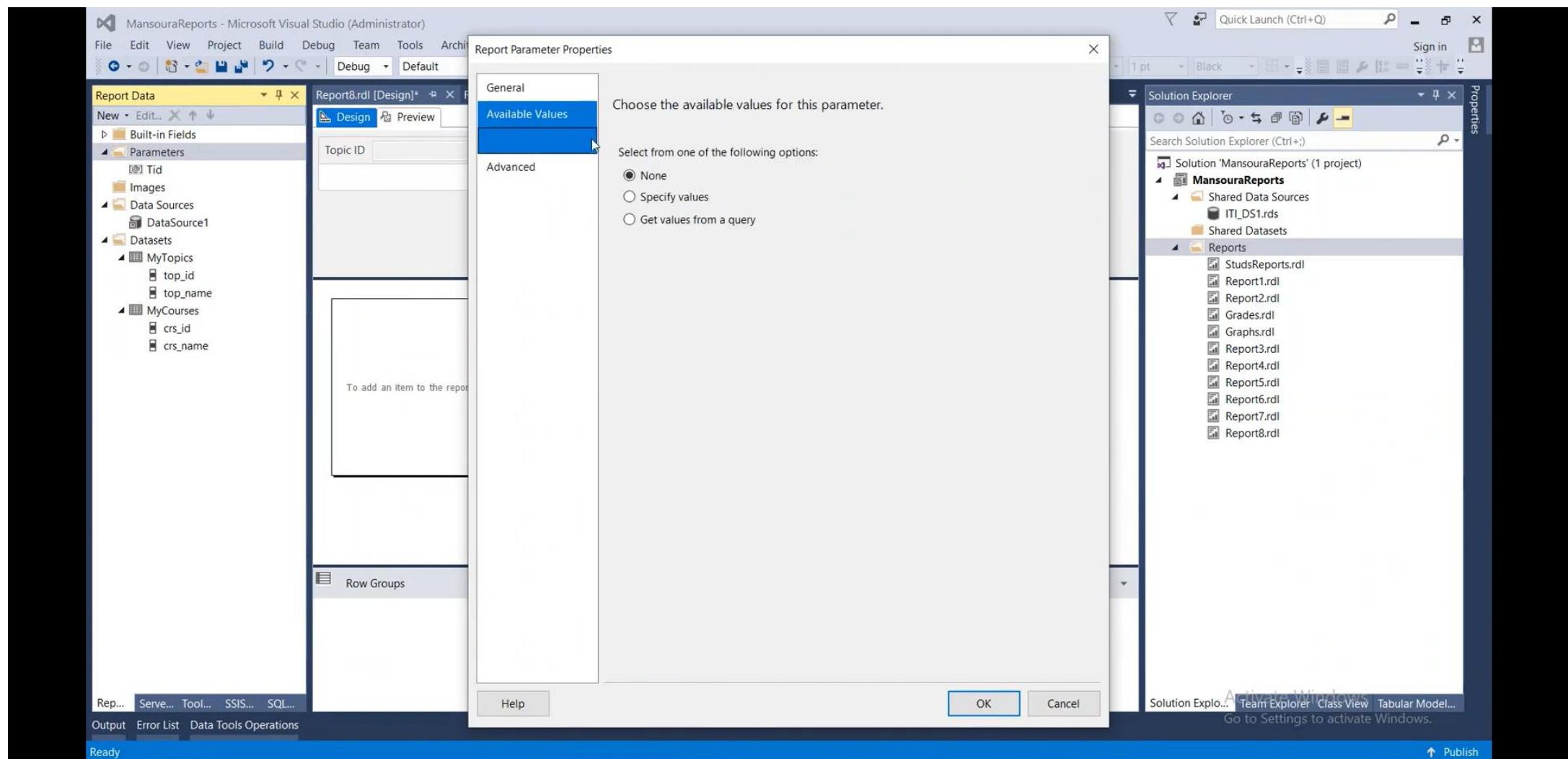


3-SQL Server Reporting Service-SSRS.



3-SQL Server Reporting Service-SSRS.





3-SQL Server Reporting Service SSRS:

The screenshot shows the Microsoft Visual Studio interface for creating a new report parameter. The main window displays the 'Report Data' pane on the left, which lists 'Report8.rdl [Design]' under 'Report Data'. The 'Parameters' section is selected, showing a list of parameters: 'Topic ID', 'Tid', 'Images', 'DataSource1', 'MyTopics (top_id, top_name)', and 'MyCourses (crs_id, crs_name)'. A large central area is labeled 'To add an item to the report'.

A modal dialog box titled 'New Parameter' is open in the center. It has tabs for 'General', 'Available Values', 'Default Values', and 'Advanced'. The 'General' tab is active, showing the following settings:

- Name:** Cid
- Prompt:** Course
- Data type:** Text (selected from a dropdown)
- Allow blank value ("")
- Allow null value
- Allow multiple values

Below these settings is a section for 'Select parameter visibility' with three radio button options: 'Visible' (selected), 'Hidden', and 'Internal'.

At the bottom of the dialog are 'Help', 'OK', and 'Cancel' buttons. The status bar at the bottom of the screen shows 'Activate Windows' and 'Go to Settings to activate Windows.'

The right side of the interface includes the 'Solution Explorer' and 'Properties' panes. The 'Solution Explorer' pane shows a project named 'MansouraReports' containing a 'Reports' folder with several report files: 'StudsReports.rdl', 'Report1.rdl', 'Report2.rdl', 'Grades.rdl', 'Graphs.rdl', 'Report3.rdl', 'Report4.rdl', 'Report5.rdl', 'Report6.rdl', 'Report7.rdl', and 'Report8.rdl'.

3-SQL Server Reporting Service SSRS:

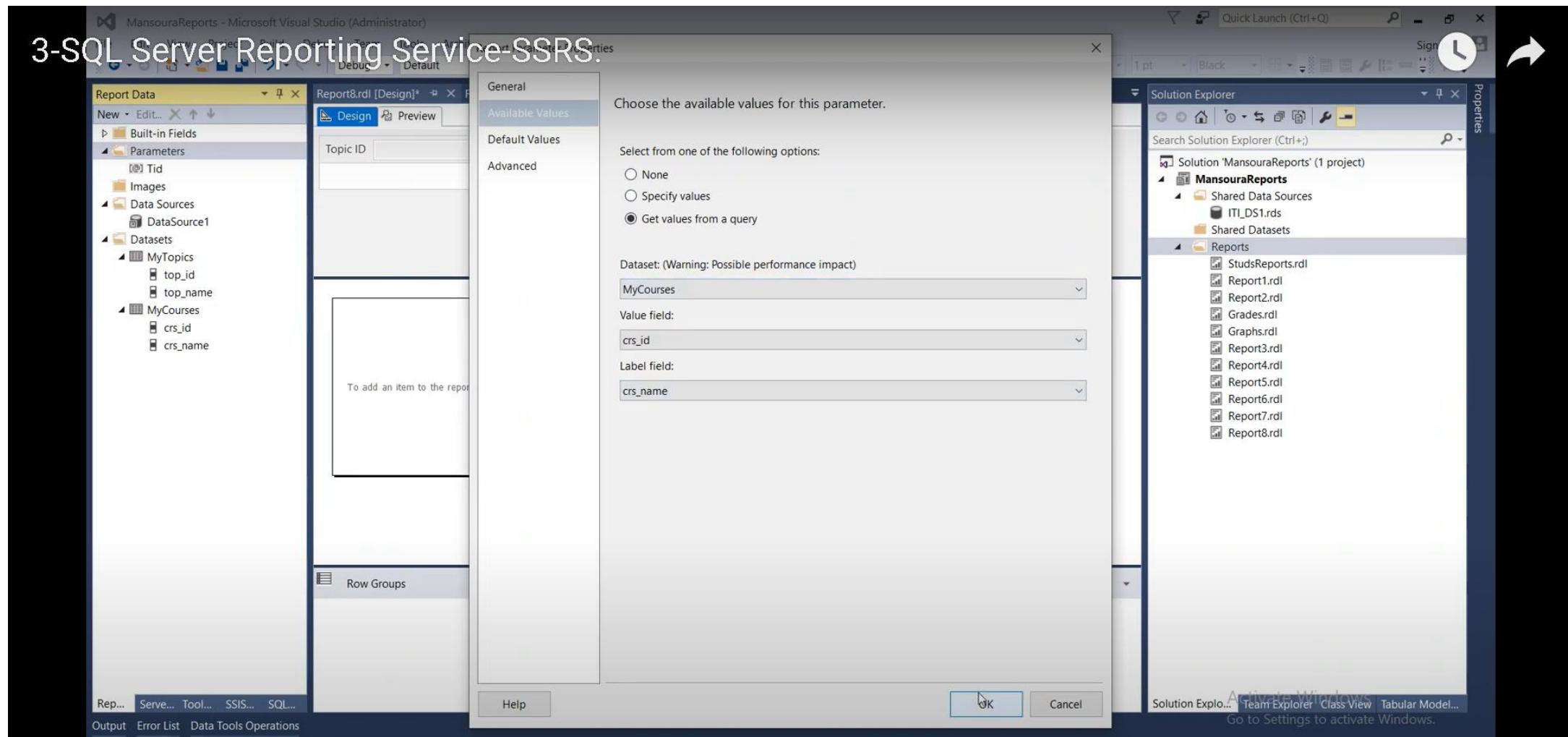
The screenshot shows the Microsoft Visual Studio interface for a SQL Server Reporting Service (SSRS) project named "MansouraReports".

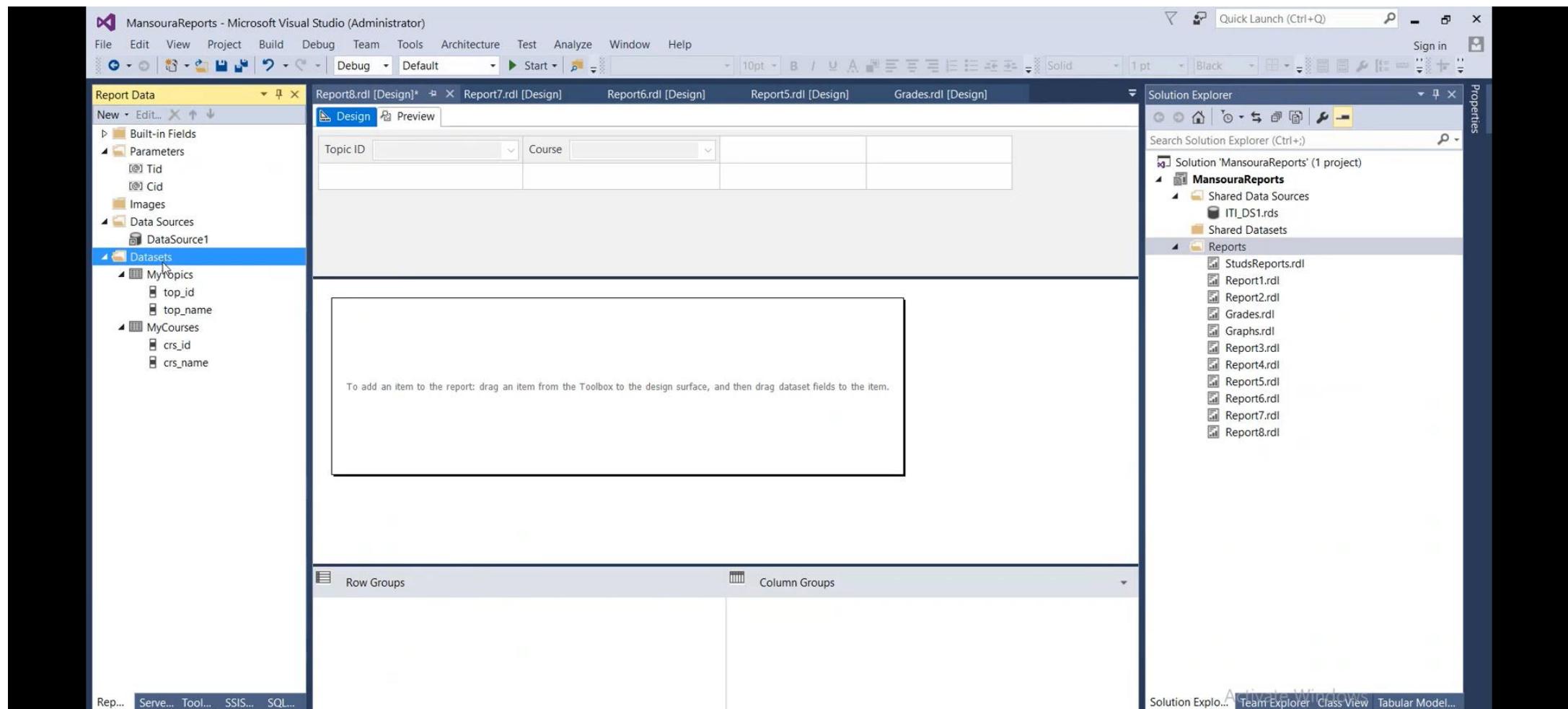
Solution Explorer: Shows the solution structure with a single project "MansouraReports" containing "Shared Data Sources" (ITI_DS1.rds), "Shared Datasets", and "Reports". The "Reports" folder contains several reports: StudsReports.rdl, Report1.rdl, Report2.rdl, Grades.rdl, Graphs.rdl, Report3.rdl, Report4.rdl, Report5.rdl, Report6.rdl, Report7.rdl, and Report8.rdl.

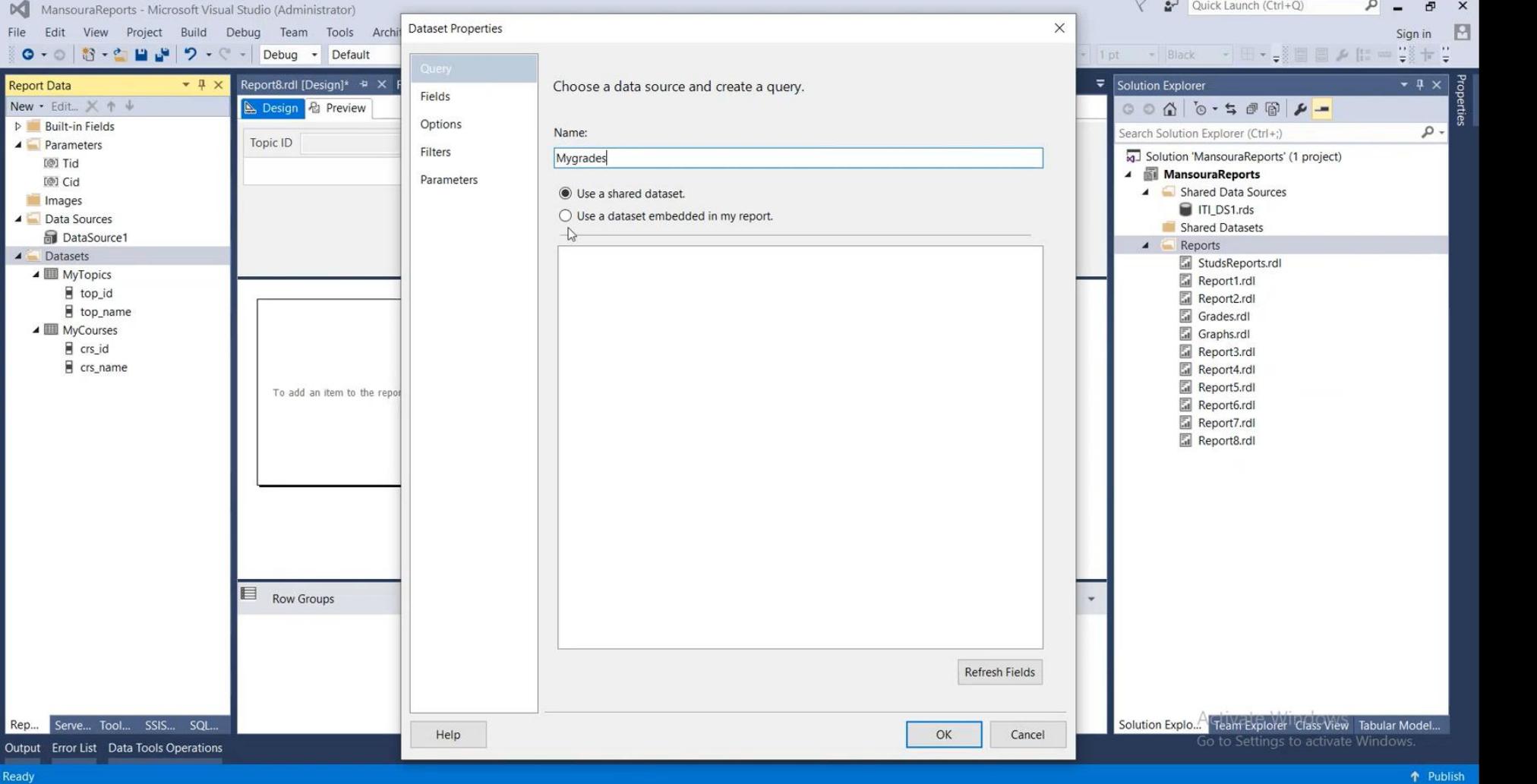
Report Designer: The main window displays the report "Report8.rdl [Design]". On the left, the "Report Data" pane lists "Report Data", "Parameters" (Topic ID), "Data Sources" (DataSource1), and "Datasets" (MyTopics, MyCourses). The "Topic ID" parameter properties dialog is open, showing the "Available Values" tab. It prompts the user to choose available values for the parameter, with three options: "None", "Specify values", and "Get values from a query". The "Get values from a query" option is selected. The "Dataset" dropdown is set to "MyCourses" (with a warning about performance impact). The "Value field" is "crs_id" and the "Label field" is "crs_name".

Bottom Bar: Includes buttons for Report, Serve, Tool, SSIS, SQL, Help, OK, Cancel, and links to Solution Explorer, Team Explorer, Class View, Tabular Model, and Go to Settings to activate Windows.

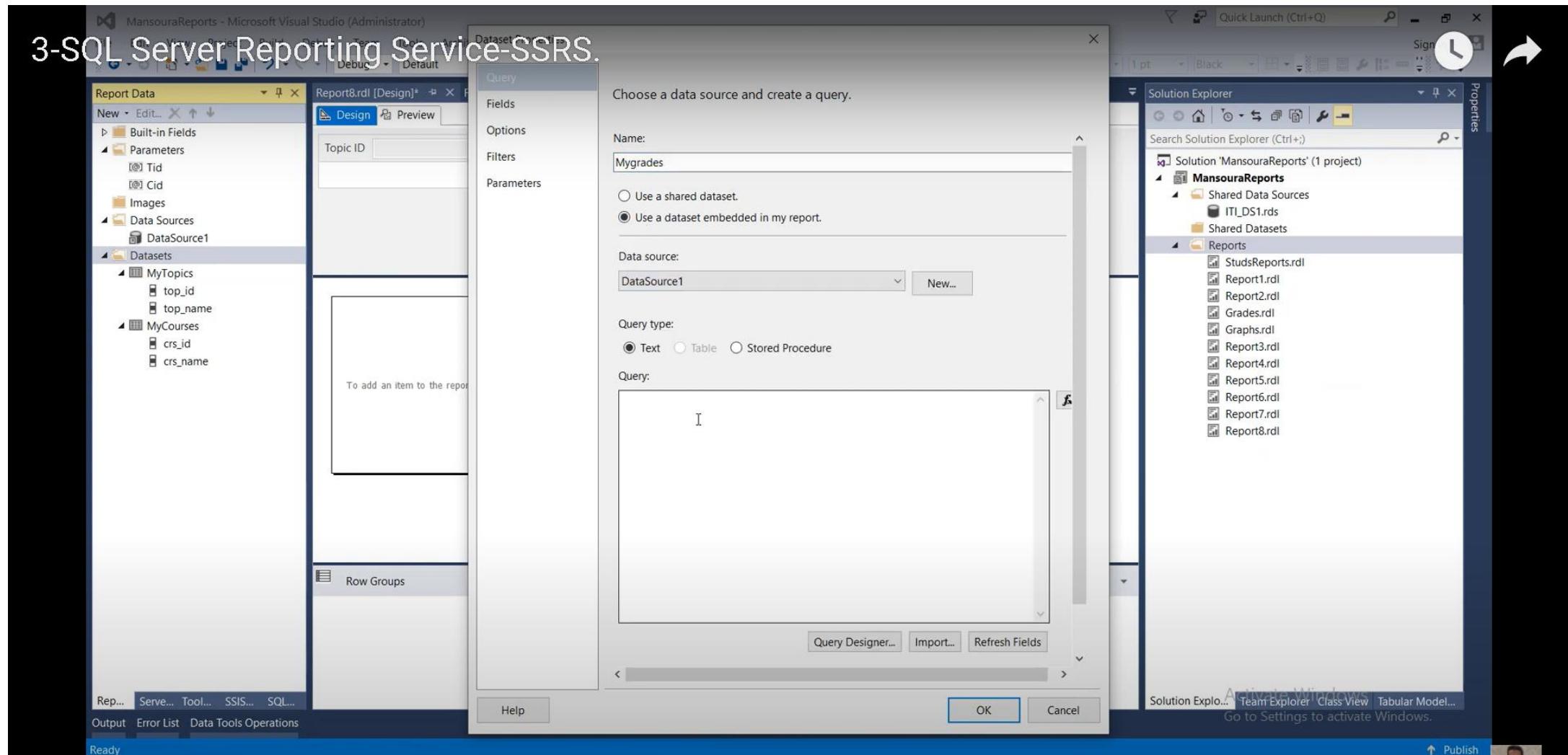
3-SQL Server Reporting Service-SSRS:

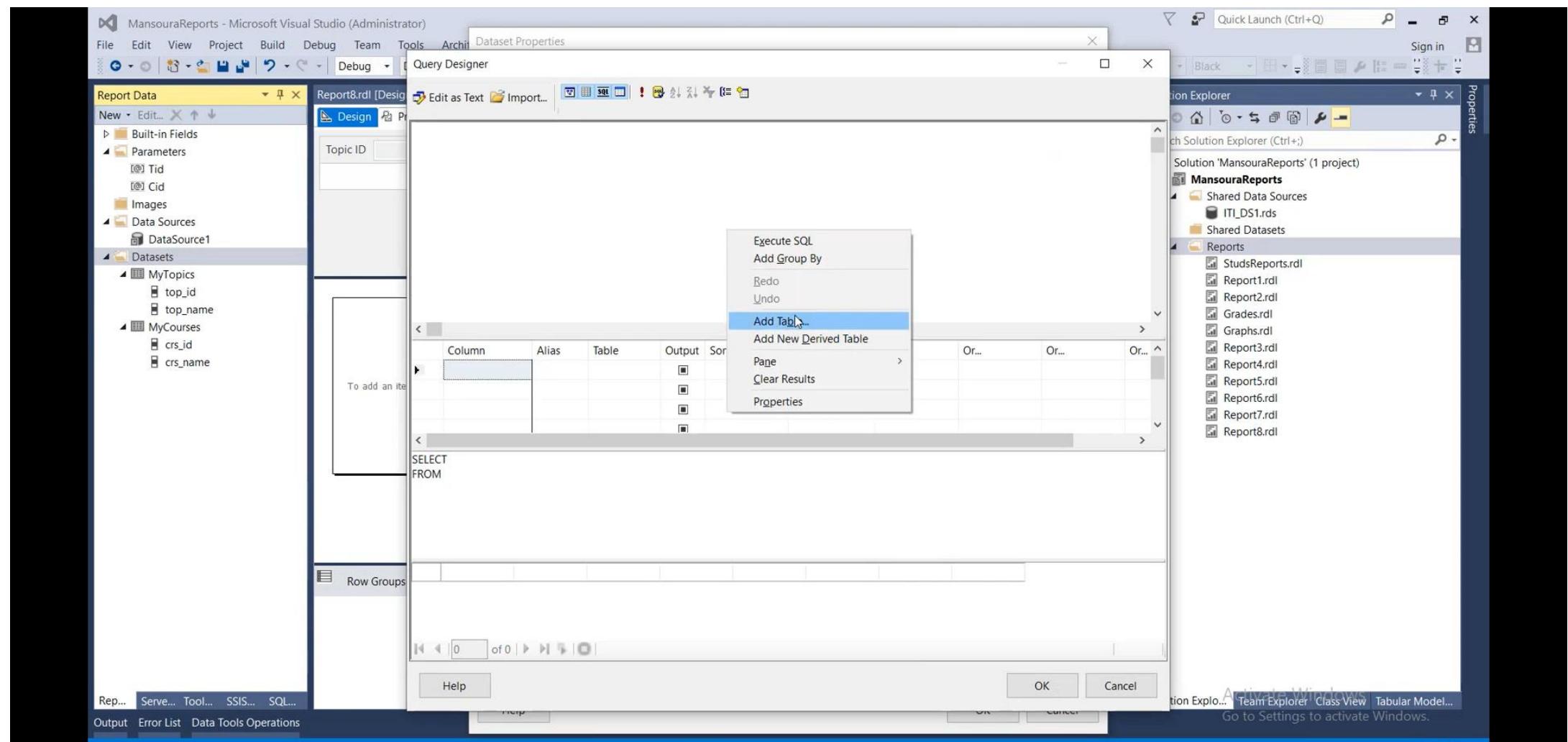




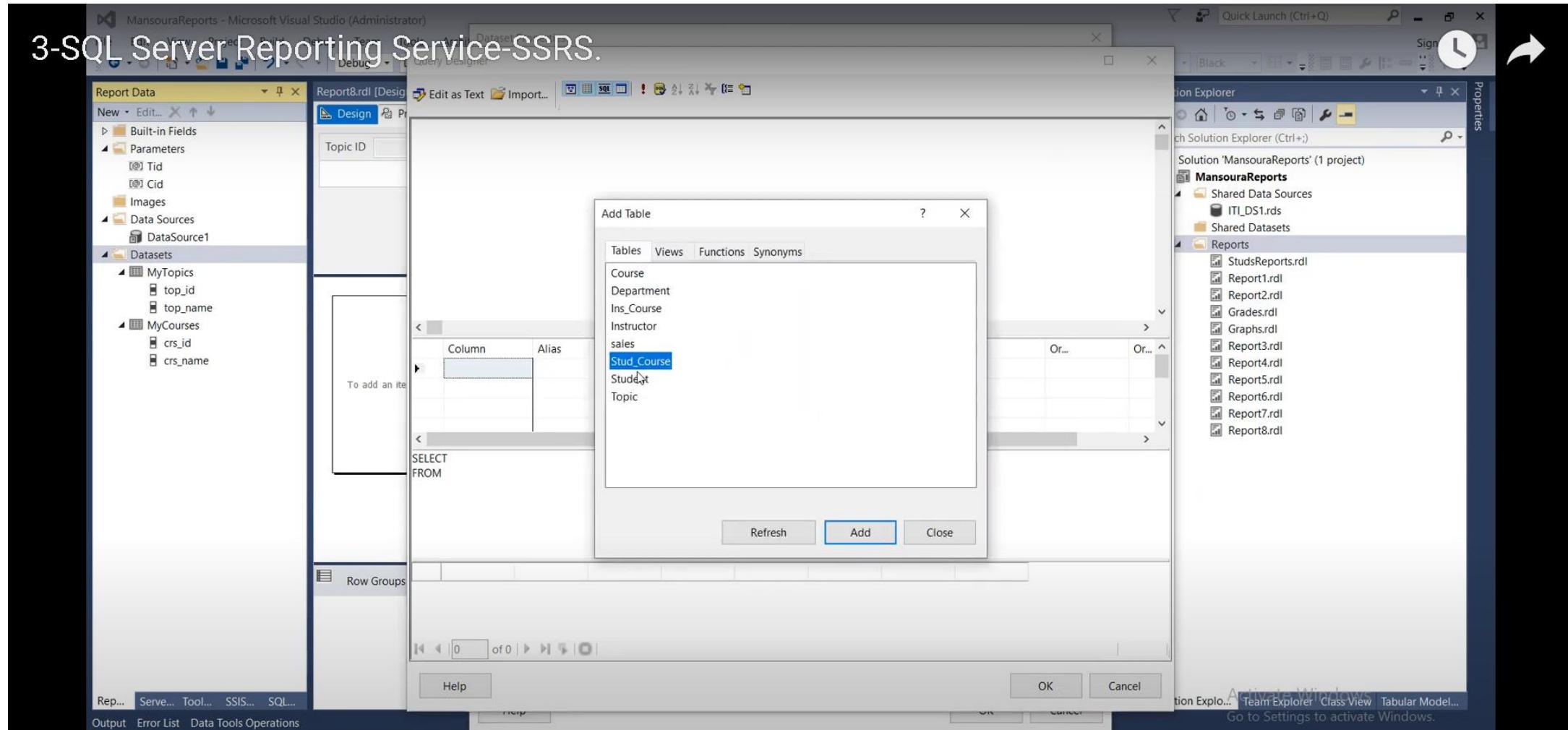


3-SQL Server Reporting Service SSRS.

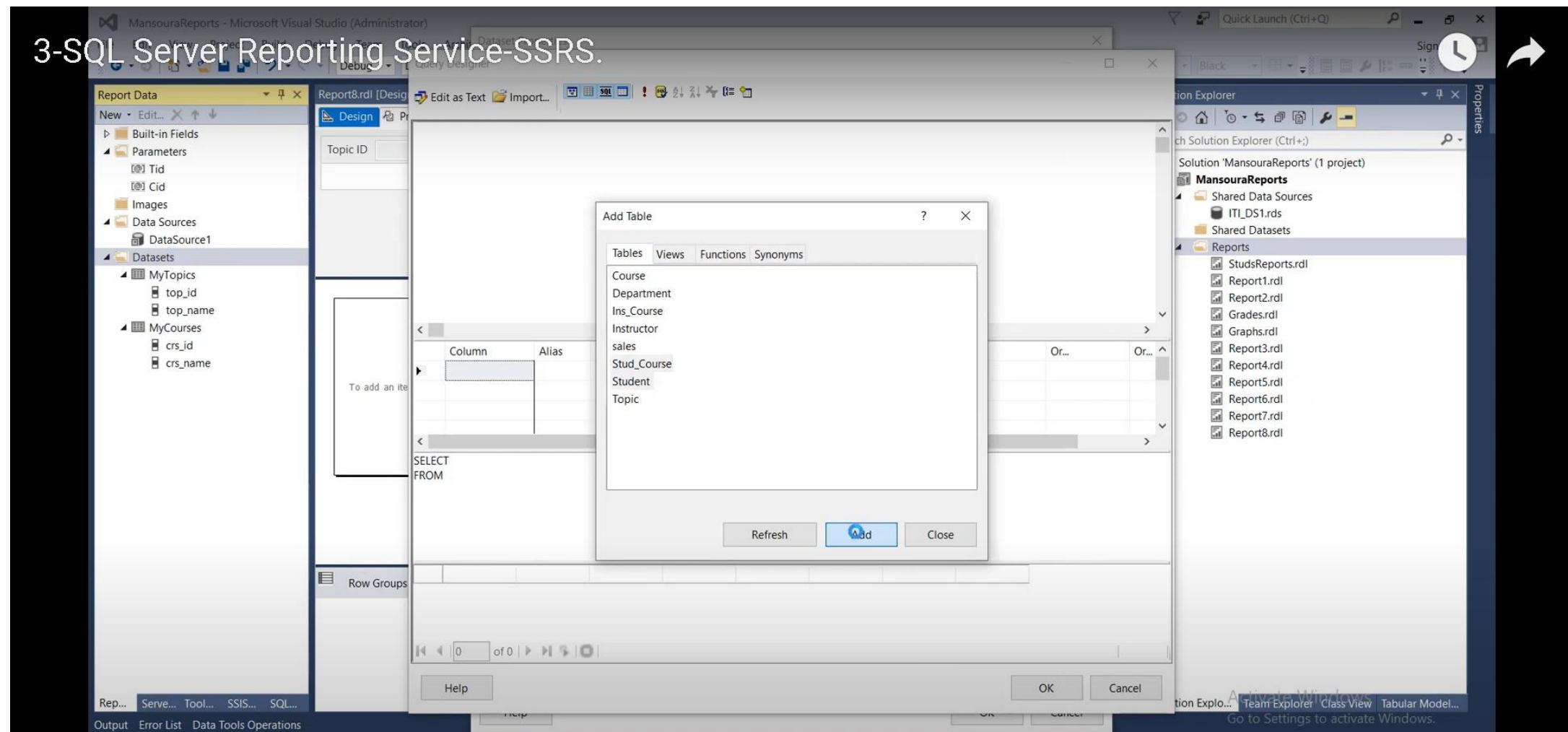




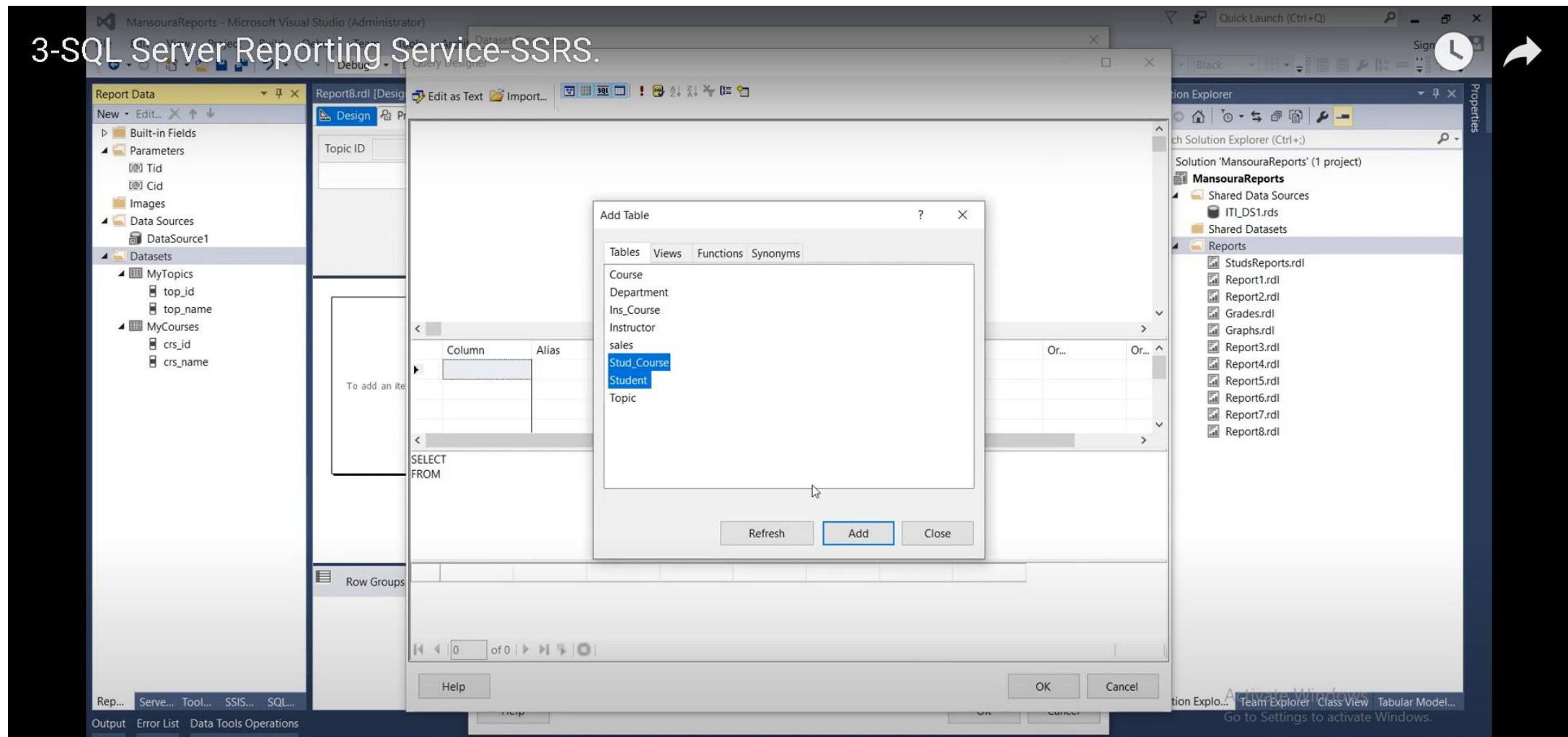
3-SQL Server Reporting Service-SSRS.



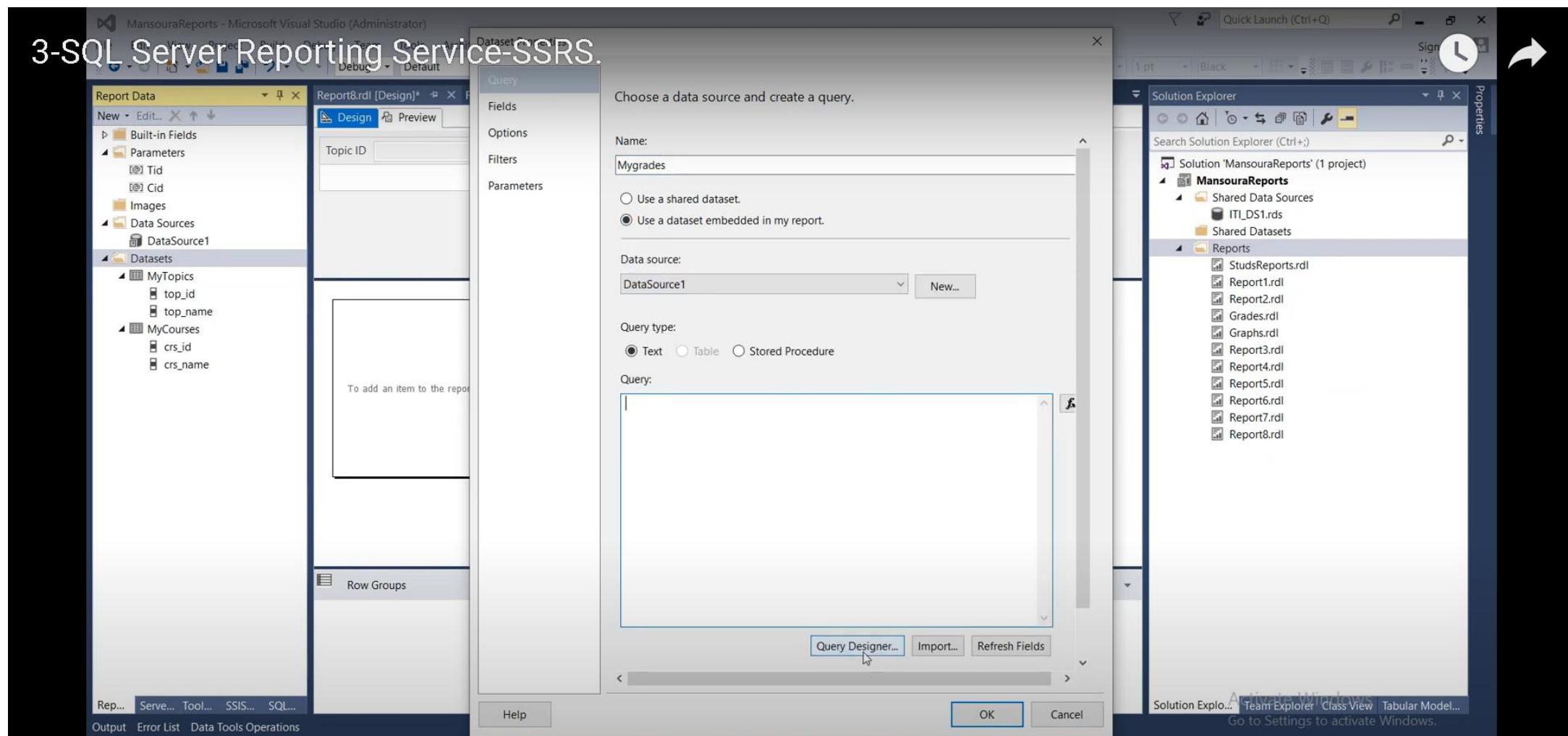
3-SQL Server Reporting Service-SSRS.



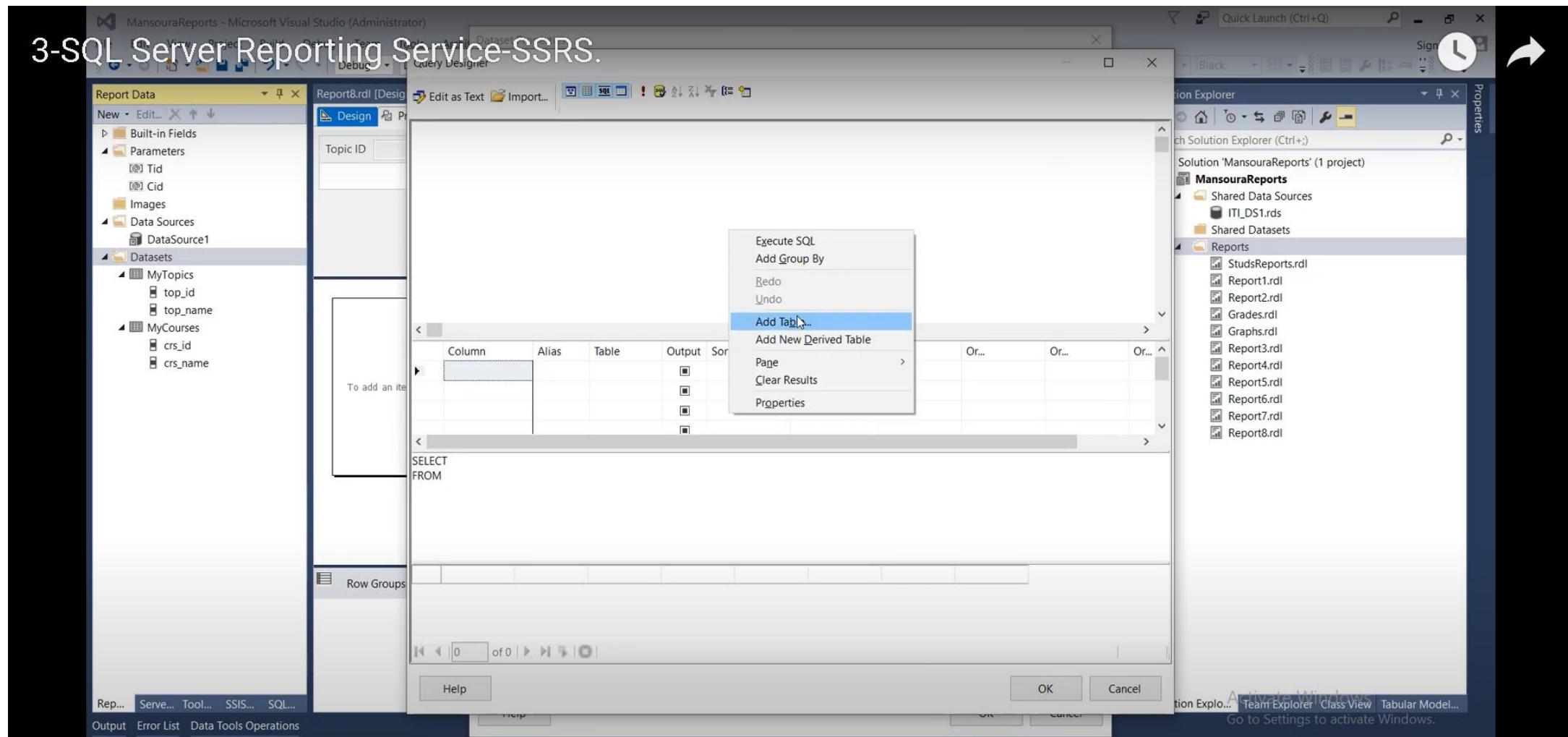
3-SQL Server Reporting Service-SSRS.



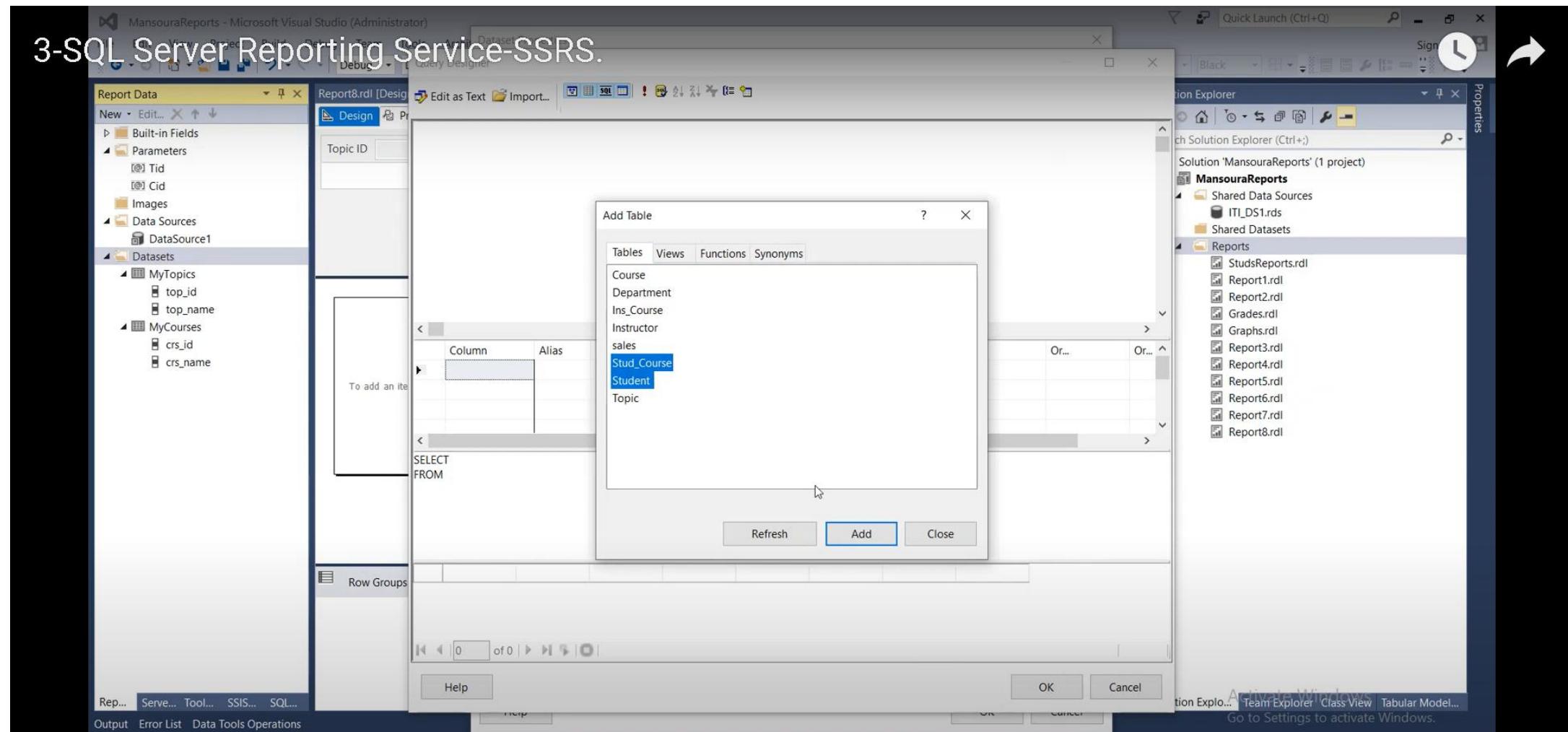
3-SQL Server Reporting Service-SSRS.



3-SQL Server Reporting Service-SSRS.



3-SQL Server Reporting Service-SSRS.



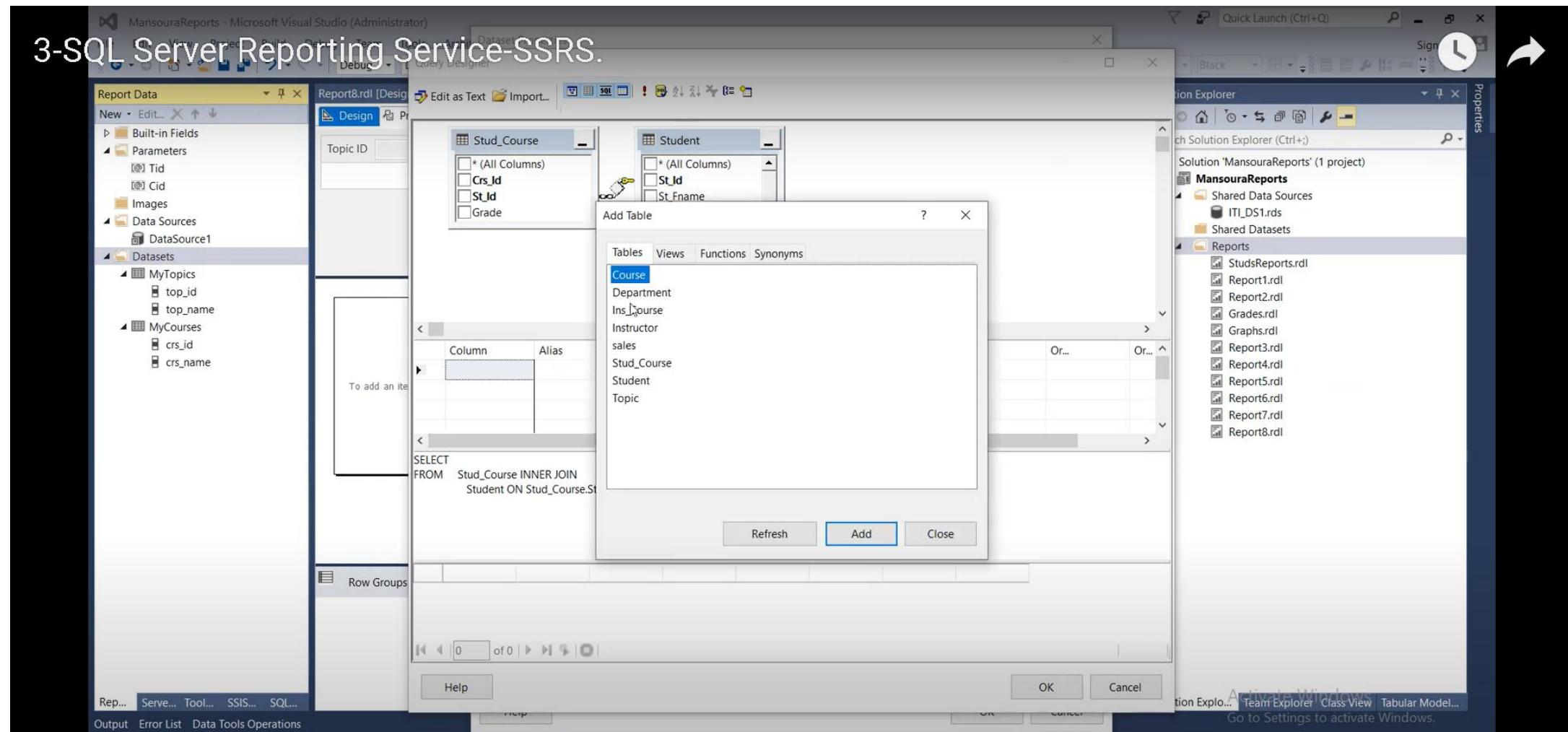
3-SQL Server Reporting Service-SSRS.

The screenshot shows the Microsoft Visual Studio interface for developing SSRS reports. The title bar indicates the project is 'MansouraReports' in 'Microsoft Visual Studio (Administrator)'. The main window displays the 'Report Designer' for 'Report8.rdl'. On the left, the 'Report Data' pane lists various report components like parameters, images, and datasets. The 'Datasets' section is expanded, showing 'MyTopics' and 'MyCourses' datasets. The 'Design' tab is selected in the top toolbar. In the center, two datasets are connected via a join: 'Stud_Course' and 'Student'. A context menu is open over the 'Stud_Course' dataset, with the option 'Add Table...' highlighted. Below the datasets, the SQL query pane contains the following code:

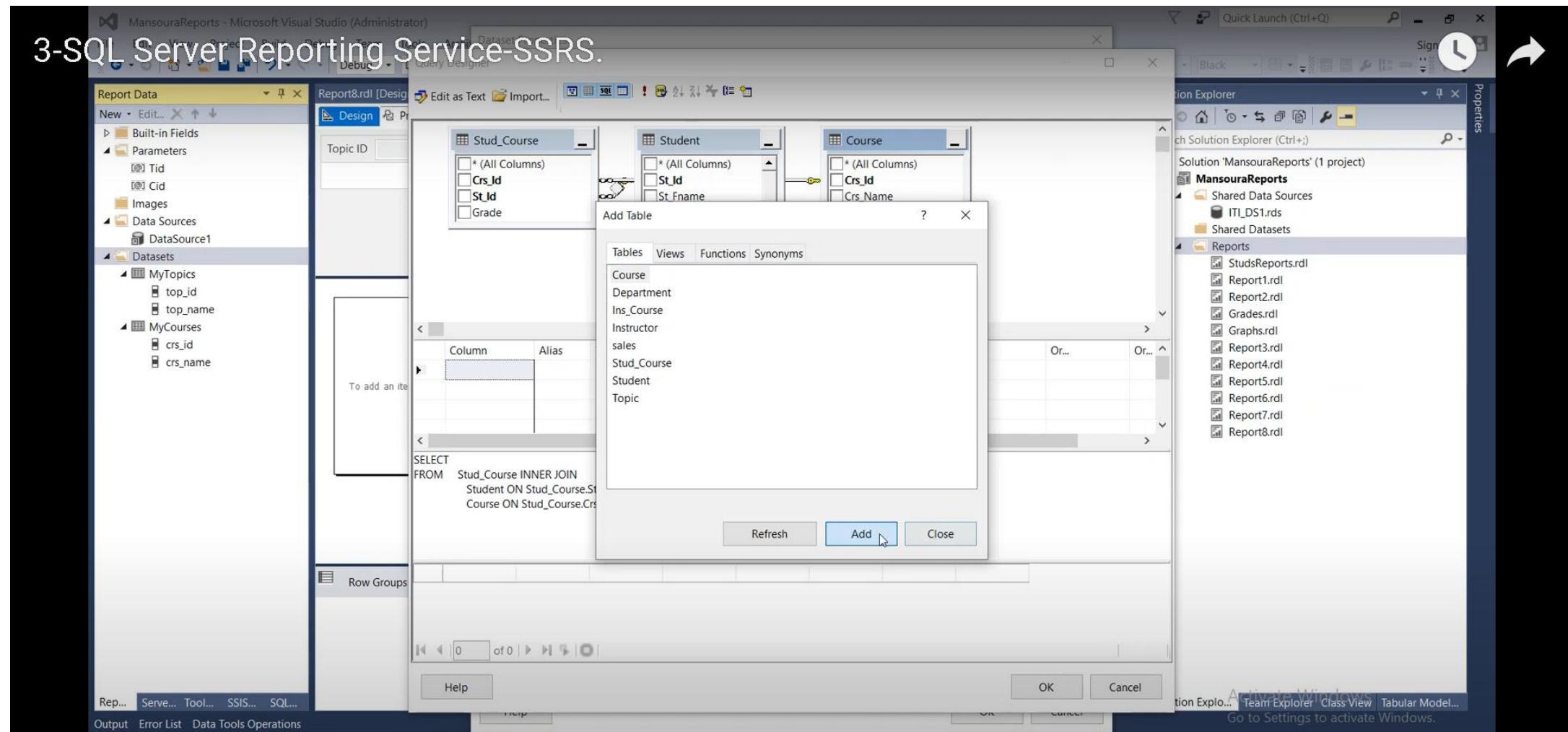
```
SELECT * FROM Stud_Course INNER JOIN Student ON Stud_Course.St_Id = Student.St_Id
```

The right side of the interface includes the 'Solution Explorer' showing the project structure with files like 'ITI_DS1.rds', 'Report1.rdl', etc., and the 'Properties' pane. The bottom status bar includes links to 'Activate Windows', 'Team Explorer', 'Class View', and 'Tabular Model...'. The overall theme is dark.

3-SQL Server Reporting Service-SSRS.



3-SQL Server Reporting Service-SSRS.



3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data

New Edit... Topic ID

Report8.rdl [Design] Edit as Text Import... Design Properties

Report8.rdl [Design]

Topic ID

Datasets

- MyTopics
- MyCourses

DataSource1

Parameters

- Tid
- Cid

Images

Data Sources

Report8.rdl [Design]

Query Designer

Student Course

Course_1

Stud_Course

Course

Student

Course_1

Course

To add an item

Row Groups

Column Alias Table Output Sort Type Sort Order Filter Or... Or... Or... Crs_Id Crs_Name St_Id St_Fname

OK Cancel

Help

SELECT Course.Crs_Id, Course.Crs_Name, Student.St_Id, Student.St_Fname, Stud_Course.Grade
FROM Stud_Course INNER JOIN
Student ON Stud_Course.St_Id = Student.St_Id INNER JOIN
Course ON Stud_Course.Crs_Id = Course.Crs_Id INNER JOIN
Course AS Course_1 ON Stud_Course.Crs_Id = Course_1.Crs_Id
where Stud_Course.Crs_Id=@Cid

Solution Explorer

Solution 'MansouraReports' (1 project)

- MansouraReports
- Shared Data Sources
- ITI_DS1.rds
- Shared Datasets
- Reports
- StudsReports.rdl
- Report1.rdl
- Report2.rdl
- Grades.rdl
- Graphs.rdl
- Report3.rdl
- Report4.rdl
- Report5.rdl
- Report6.rdl
- Report7.rdl
- Report8.rdl

Output Error List Data Tools Operations

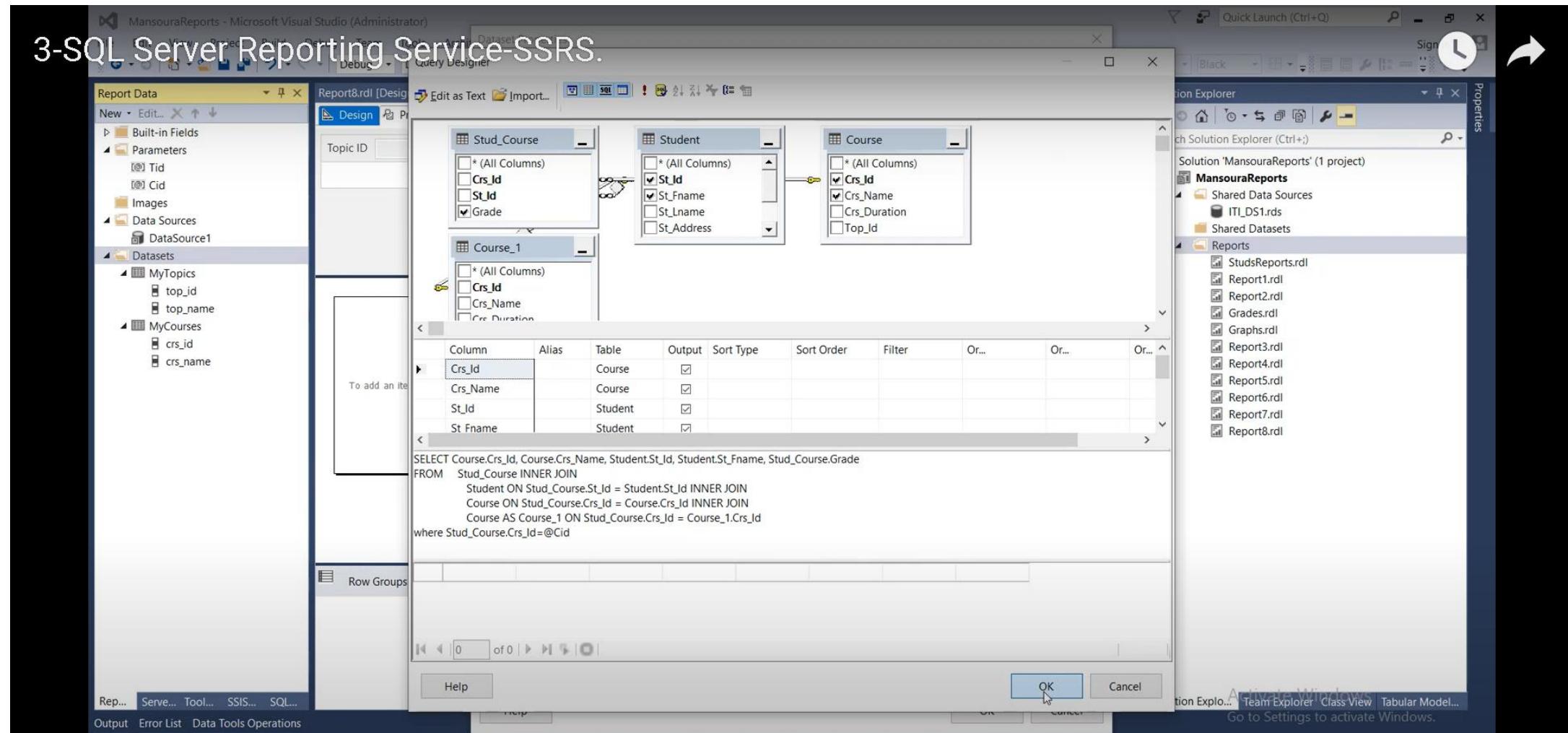
Rep... Serve... Tool... SSIS... SQL...

Activation Windows Team Explorer Class View Tabular Model... Go to Settings to activate Windows.

```
SELECT Course.Crs_Id, Course.Crs_Name, Student.St_Id, Student.St_Fname, Stud_Course.Grade
FROM Stud_Course INNER JOIN
    Student ON Stud_Course.St_Id = Student.St_Id INNER JOIN
    Course ON Stud_Course.Crs_Id = Course.Crs_Id INNER JOIN
    Course AS Course_1 ON Stud_Course.Crs_Id = Course_1.Crs_Id
where Stud_Course.Crs_Id=@Cid
```

```
SELECT Course.Crs_Id, Course.Crs_Name, Student.St_Id, Student.St_Fname, Stud_Course.Grade  
FROM Stud_Course INNER JOIN  
      Student ON Stud_Course.St_Id = Student.St_Id INNER JOIN  
      Course ON Stud_Course.Crs_Id = Course.Crs_Id INNER JOIN  
      Course AS Course_1 ON Stud_Course.Crs_Id = Course_1.Crs_Id  
where Stud_Course.Crs_Id=@Cid
```

3-SQL Server Reporting Service-SSRS.

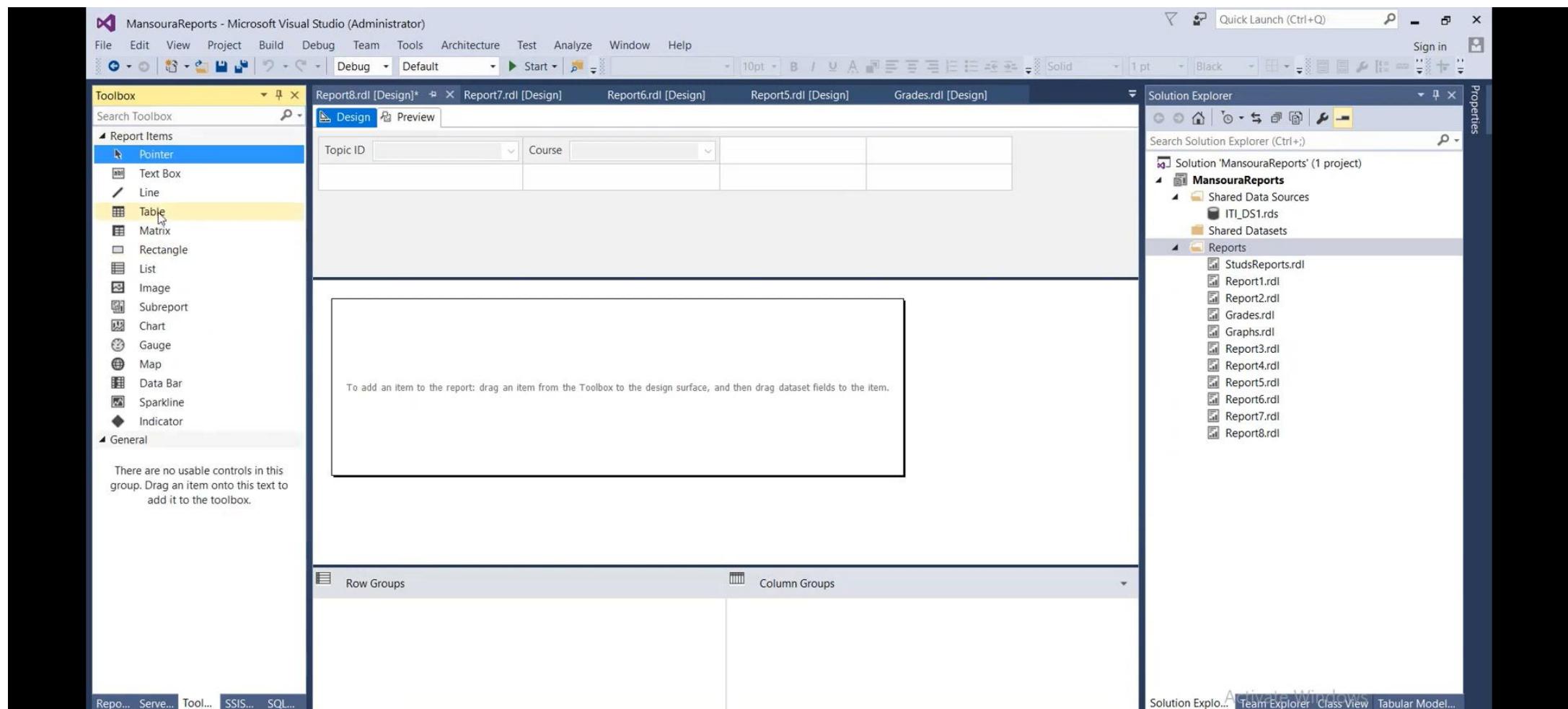


3-SQL Server Reporting Service-SSRS.

The screenshot shows the Microsoft Visual Studio interface for creating a new dataset in a report. The main window displays the 'Dataset Properties' dialog box, which is titled 'Query'. The dialog asks to 'Choose a data source and create a query.' The 'Name:' field is set to 'Mygrades'. The 'Data source:' dropdown is set to 'DataSource1'. The 'Query type:' is selected as 'Text'. The query text is a SQL SELECT statement:

```
SELECT Course.Crs_Id, Course.Crs_Name, Student.St_Id, Student.St_Fname,  
Stud_Course.Grade  
FROM Stud_Course INNER JOIN  
Student ON Stud_Course.St_Id = Student.St_Id INNER JOIN  
Course ON Stud_Course.Crs_Id = Course.Crs_Id INNER JOIN  
Course AS Course_1 ON Stud_Course.Crs_Id = Course_1.Crs_Id  
WHERE (Stud_Course.Crs_Id = @Cid)
```

The 'Dataset Properties' dialog has tabs for 'Query', 'Fields', 'Options', 'Filters', and 'Parameters'. The 'Report Data' and 'Solution Explorer' toolbars are visible at the top. The 'Solution Explorer' pane on the right shows a project named 'MansouraReports' containing various reports and shared datasets. The bottom status bar indicates 'Activate Windows'.



3-SQL Server Reporting Service-SSRS

MansouraReports - Microsoft Visual Studio (Administrator)

Report8.rdl [Design] Report7.rdl [Design] Report6.rdl [Design] Report5.rdl [Design] Grades.rdl [Design]

Design Preview

Topic ID Course

Report Items

- Pointer
- Text Box
- Line
- Table
- Matrix
- Rectangle
- List
- Image
- Subreport
- Chart
- Gauge
- Map
- Data Bar
- Sparkline
- Indicator

General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Insert Column > Left Right

Row Groups: (Details)

Column Groups:

Solid 1 pt Black

Properties

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl
 - Report8.rdl

Activate Windows

Solution Explorer Team Explorer Class View Tabular Model...

The screenshot displays the Microsoft Visual Studio interface for developing SQL Server Reporting Services (SSRS) reports. The main area shows the 'Report8.rdl [Design]' tab selected. A context menu is open over a cell in a table, specifically over the 'Course' column header, with options like 'Insert Column' (with sub-options 'Left' and 'Right'), 'Delete Columns', 'Column Visibility...', and 'Tablix Properties...'. The 'Report Items' section of the toolbox is visible on the left, and the 'Solution Explorer' window on the right shows the project structure for 'MansouraReports' with various reports and shared data sources listed. The status bar at the bottom indicates 'Activate Windows'.

3-SQL Server Reporting Service-SSRS

MansouraReports - Microsoft Visual Studio (Administrator)

Report8.rdl [Design] Report7.rdl [Design] Report6.rdl [Design] Report5.rdl [Design] Grades.rdl [Design]

Design Preview

Topic ID Course

Report Items

- Pointer
- Text Box
- Line
- Table
- Matrix
- Rectangle
- List
- Image
- Subreport
- Chart
- Gauge
- Map
- Data Bar
- Sparkline
- Indicator

General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Insert Column >

Left Right

Tablix Properties...

Row Groups

= (Details)

Column Groups

Solution Explorer

Search Solution Explorer (Ctrl+F)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl
 - Report8.rdl

Properties

Activate Windows

3-SQL Server Reporting Service-SSRS

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data New Edit... X ↑ ↓ Report8.rdl [Design]* Report7.rdl [Design] Report6.rdl [Design] Report5.rdl [Design] Grades.rdl [Design]

Design Preview

Topic ID Course

Topic ID	Course		

MyTopics
MyCourses
Mygrades

Header Data

Row Groups: (Details)

Column Groups:

Solution Explorer

Search Solution Explorer (Ctrl+F)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl
 - Report8.rdl

Properties

Activate Windows

Rep... Serve... Tool... SSIS... SQL...

3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data Report8.rdl [Design]* Report7.rdl [Design] Report6.rdl [Design] Report5.rdl [Design] Grades.rdl [Design]

Design Preview

Topic ID Course

Crs Id	Crs Name	Header	Data
[Crs_Id]	[Crs_Name]	Data	

Row Groups (Details) Column Groups

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

MansouraReports

- Shared Data Sources
 - ITI_DS1.rds
- Shared Datasets
- Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl
 - Report8.rdl

Properties

Rep... Serve... Tool... SSIS... SQL...

Activate Windows

Solution Explor... Team Explorer Class View Tabular Model...

The screenshot shows the Microsoft Visual Studio interface for developing SQL Server Reporting Services (SSRS) reports. The main window displays the 'Report8.rdl [Design]' tab. On the left, the 'Report Data' pane lists datasets: 'MyTopics', 'MyCourses', and 'Mygrades'. The 'Mygrades' dataset is currently selected, showing fields like Crs_Id, Crs_Name, St_Id, St_Fname, and Grade. In the center, a table is being designed with four columns: Crs Id, Crs Name, Header, and Data. The Crs Id and Crs Name columns are bound to the Crs_Id and Crs_Name fields from the Mygrades dataset. Below the table, the 'Row Groups' section shows '(Details)' as the current group. The right side of the screen features the 'Solution Explorer' pane, which shows the project structure with 'MansouraReports' containing 'Shared Data Sources', 'Shared Datasets', and 'Reports' (which includes 'StudsReports.rdl' and other reports). The 'Properties' pane is also visible on the far right.

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Format Report Tools Architecture Test Analyze Window Help

Report Data Report8.rdl [Design]* Report7.rdl [Design] Report6.rdl [Design] Report5.rdl [Design] Grades.rdl [Design]

Design Preview

Topic ID Course

	Crs Id	Crs Name	St Id	St Fname	Grade
≡	[Crs_Id]	[Crs_Name]	[St_Id]	[St_Fname]	[Grade]

Row Groups Column Groups

≡ (Details)

Solution Explorer Properties

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl
 - Report8.rdl

Rep... Serve... Tool... SSIS... SQL...

Activate Windows

Solution Explo... Team Explorer Class View Tabular Model...

The screenshot shows the Microsoft Visual Studio interface for developing reports using the Report Designer. The main window displays the 'Design' view of 'Report8.rdl'. A table is present on the page, with its first column ('Crs_Id') currently selected. The left sidebar lists various report components and datasets, including 'Mygrades' which is currently selected. The right sidebar shows the 'Solution Explorer' containing the 'MansouraReports' project with its associated files. The bottom navigation bar includes links for 'Rep...', 'Serve...', 'Tool...', 'SSIS...', and 'SQL...'. The status bar at the bottom right indicates 'Activate Windows'.

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Format Report Tools Architecture Test Analyze Window Help

Report Data Report8.rdl [Design] Report7.rdl [Design] Report6.rdl [Design] Report5.rdl [Design] Grades.rdl [Design]

Design Preview

Topic ID <Select a Value> Course View Report

DB Web Operating System Design

Report Data

- Built-in Fields
- Parameters
 - Tid
 - Cid
- Images
- Data Sources
 - DataSource1
- Datasets
 - MyTopics
 - top_id
 - top_name
 - MyCourses
 - crs_id
 - crs_name
 - Mygrades
 - Crs_Id
 - Crs_Name
 - St_Id
 - St_Fname
 - Grade

Solution Explorer

Search Solution Explorer (Ctrl+F)

Solution 'MansouraReports' (1 project)

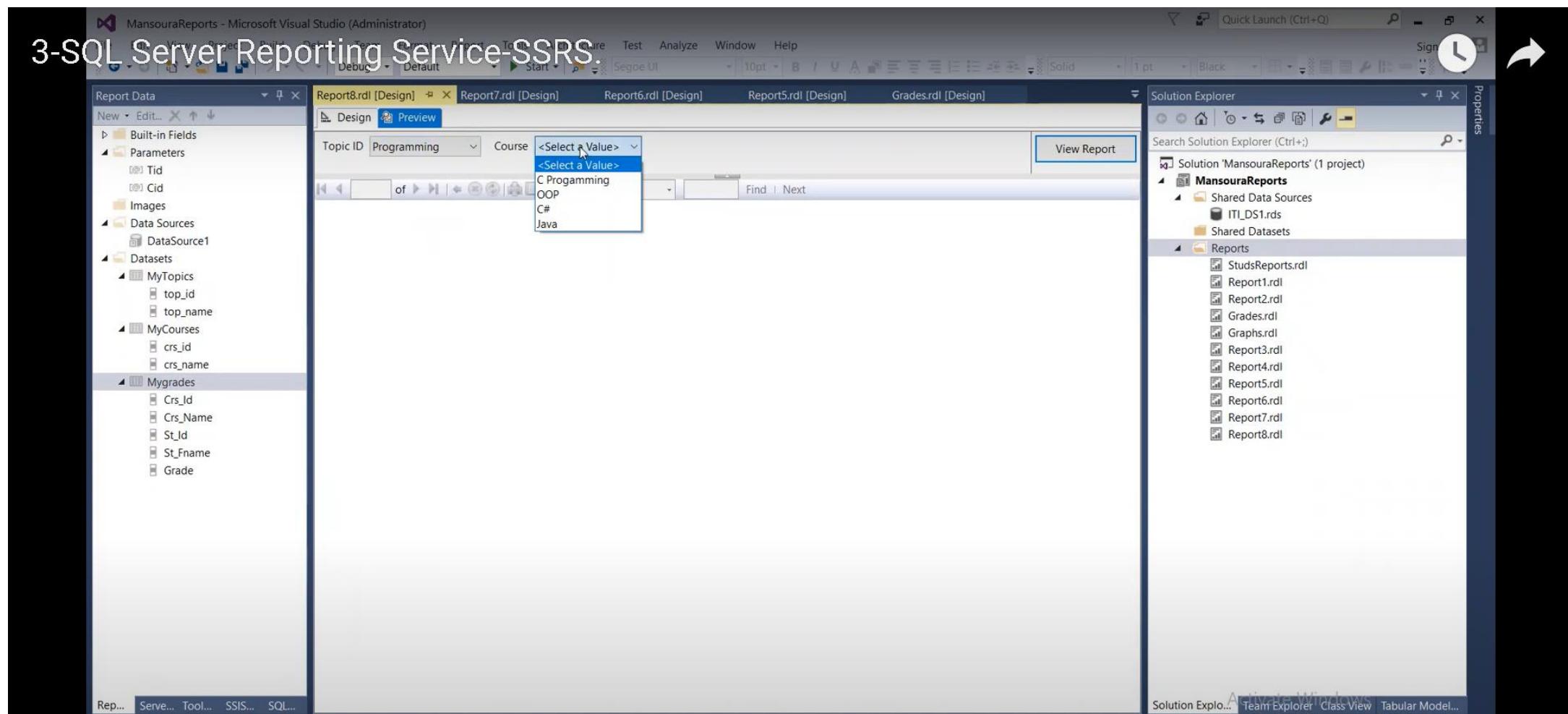
- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl
 - Report8.rdl

Properties

Rep... Serve... Tool... SSIS... SQL...

Solution Explo... Activate Windows Team Explorer Class View Tabular Model...

3-SQL Server Reporting Service-SSRS



MansouraReports - Microsoft Visual Studio (Administrator)

3-SQL Server Reporting Service-SSRS.

Report Data Report8.rdl [Design] Report7.rdl [Design] Report6.rdl [Design] Report5.rdl [Design] Grades.rdl [Design]

Design Preview

Topic ID Programming Course C Progammimg View Report

1 of 1 Find | Next

Report8.rdl [Design]

New Edit...

Report8.rdl [Design]

Report Data

Built-in Fields

Parameters

- Tid
- Cid

Images

Data Sources

- DataSource1

Datasets

- MyTopics
 - top_id
 - top_name
- MyCourses
 - crs_id
 - crs_name
- Mygrades
 - Crs_Id
 - Crs_Name
 - St_Id
 - St_Fname
 - Grade

Report8.rdl [Design]

Report7.rdl [Design]

Report6.rdl [Design]

Report5.rdl [Design]

Grades.rdl [Design]

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

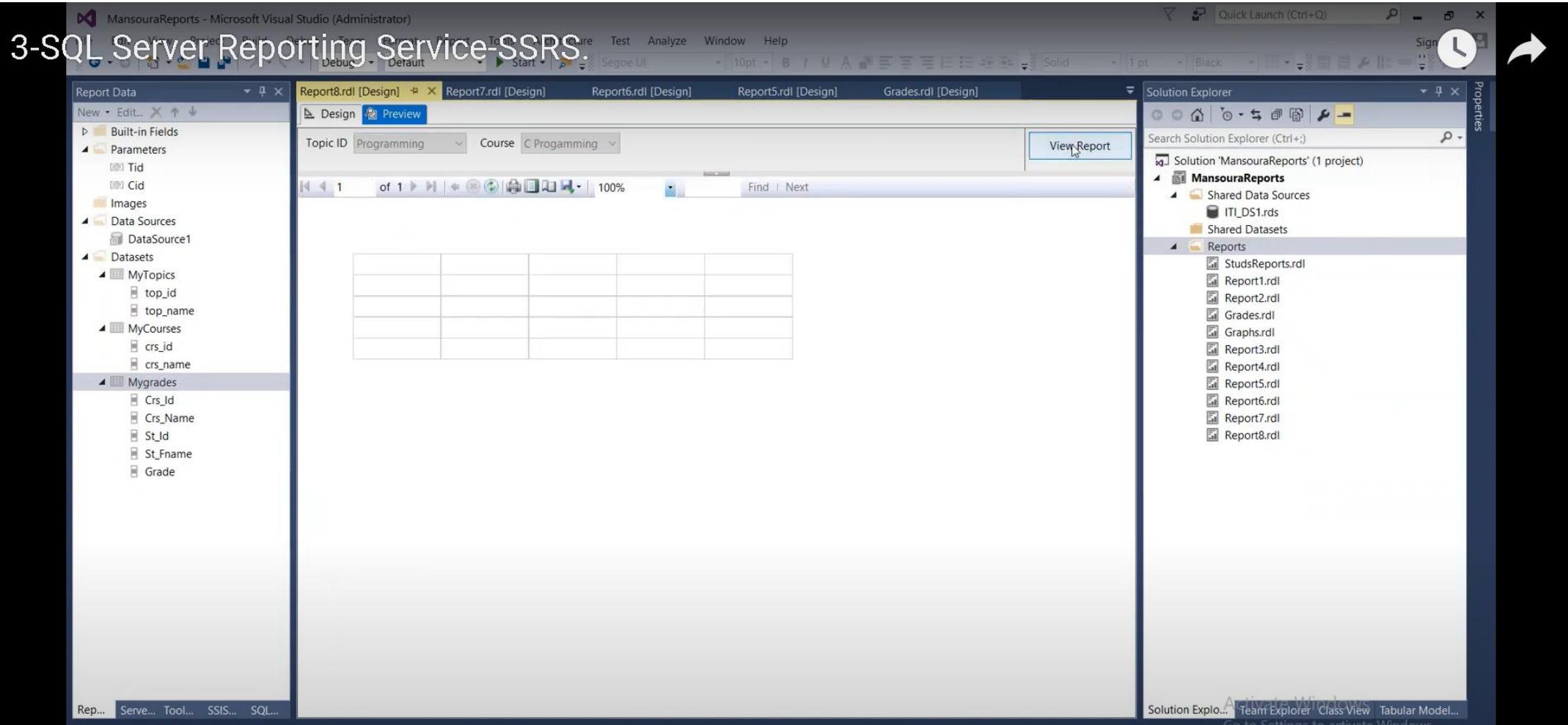
- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl
 - Report4.rdl
 - Report5.rdl
 - Report6.rdl
 - Report7.rdl
 - Report8.rdl

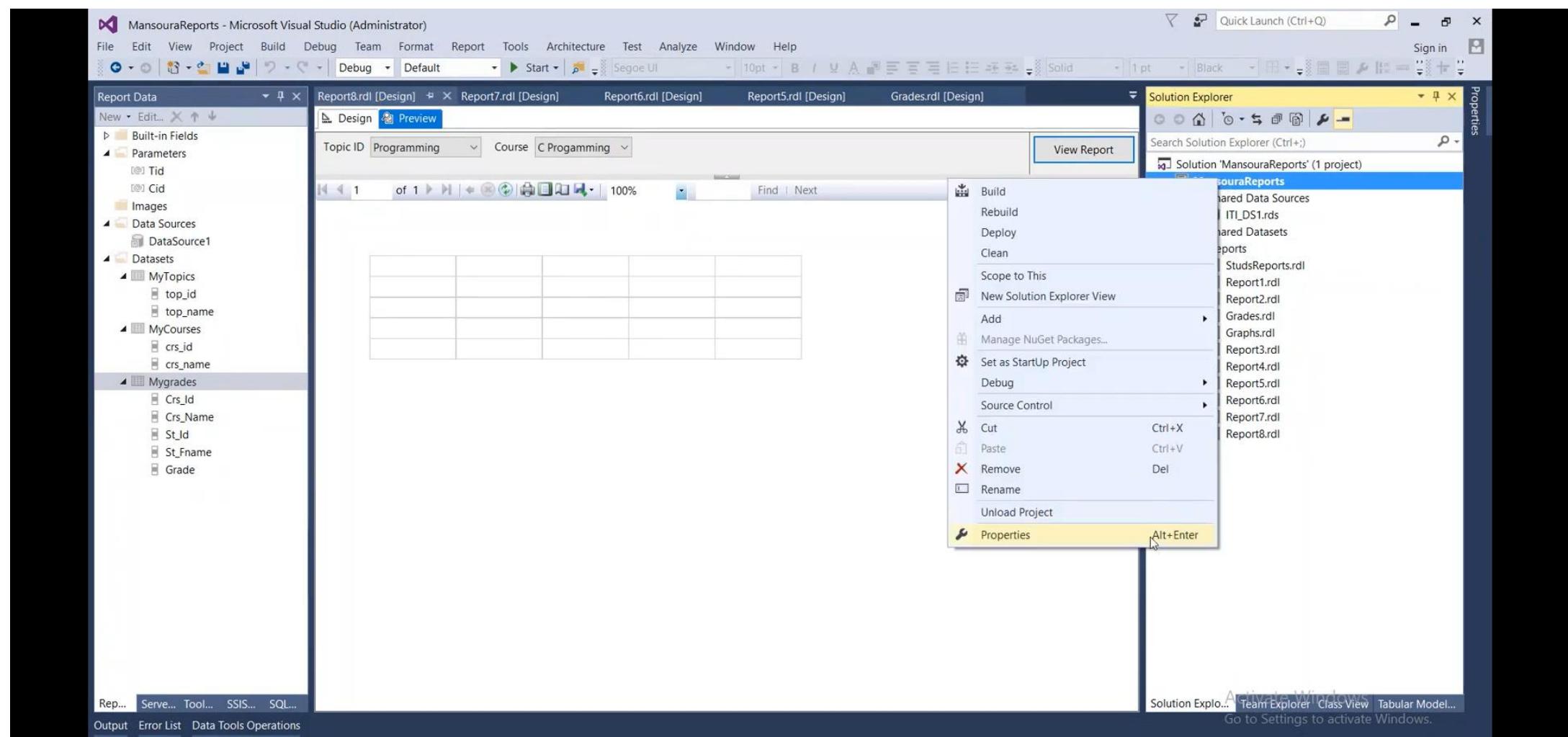
Properties

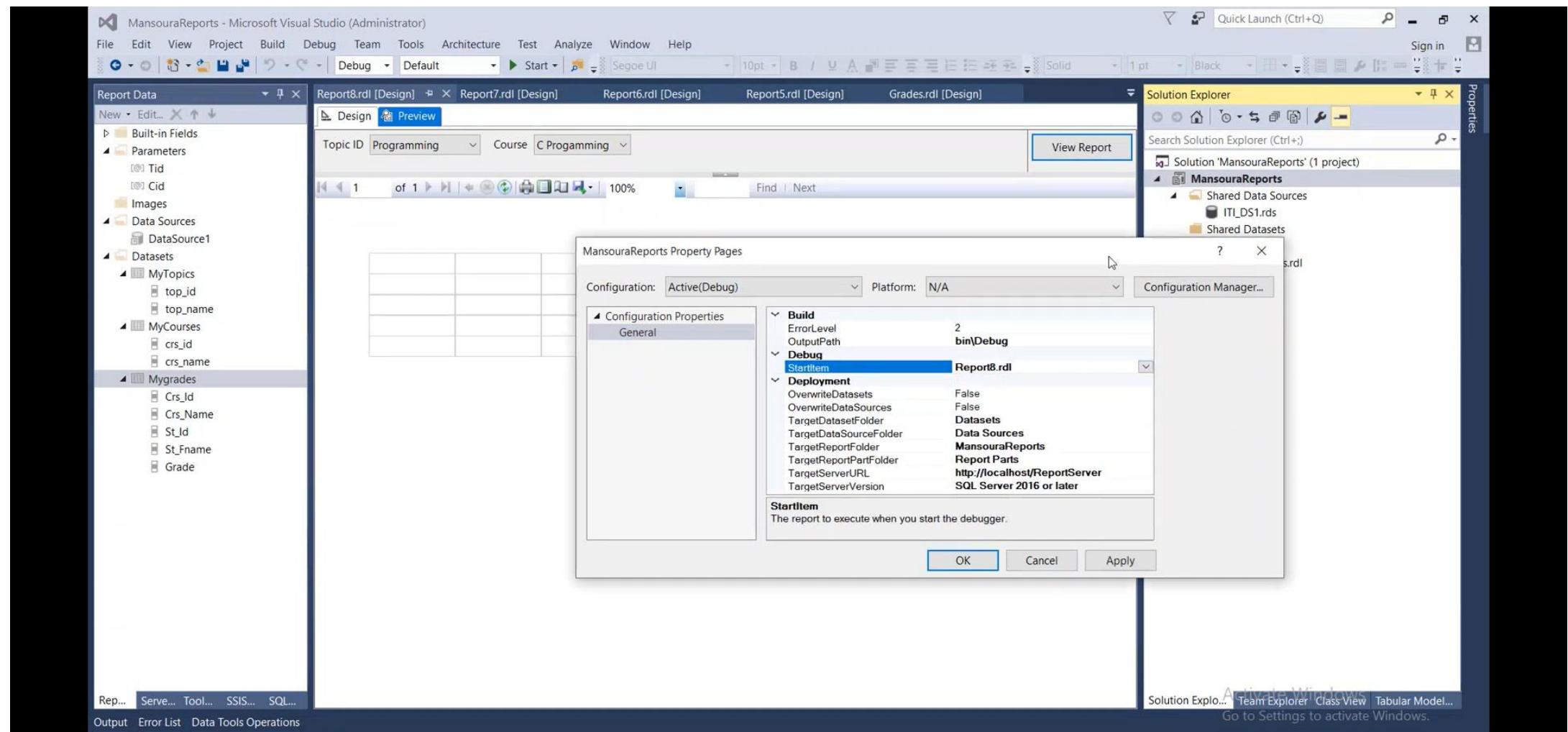
Rep... Serve... Tool... SSIS... SQL...

Active Windows

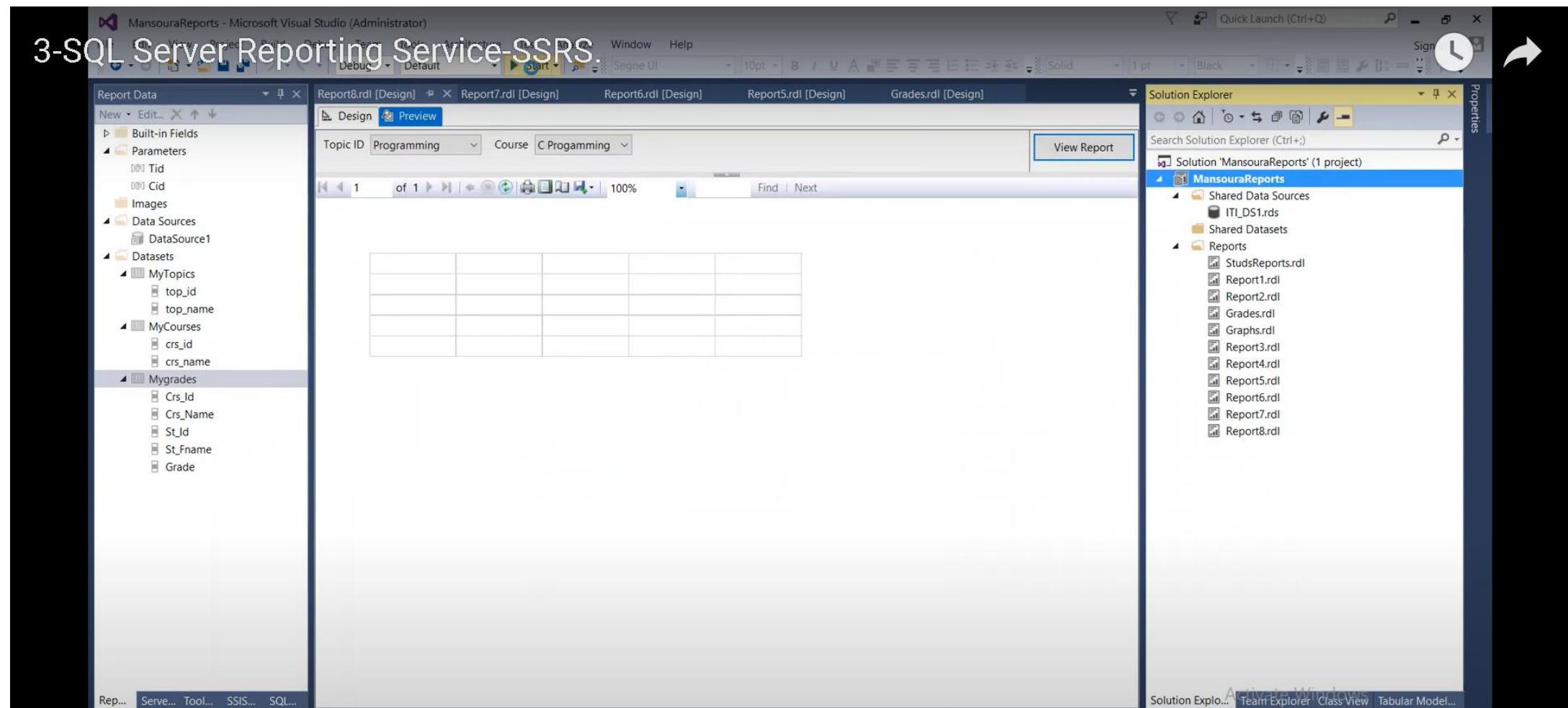
Solution Explorer Team Explorer Class View Tabular Model... Go to Settings to activate Windows

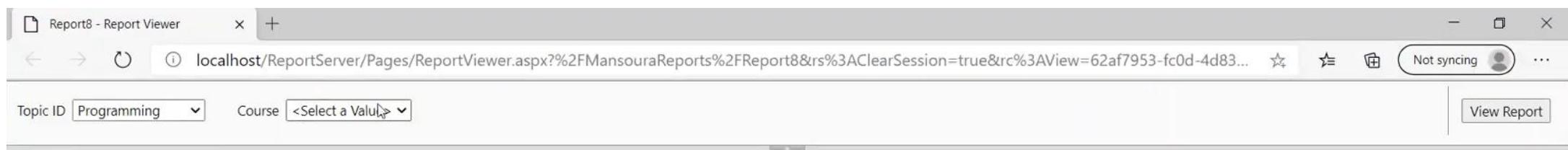






3-SQL Server Reporting Service-SSRS.





Activate Windows
Go to Settings to activate Windows.

Report8 - Report Viewer × +

3-SQL Server Reporting Service-SSRS:

Topic ID Programming

Course OOP



Report8 - Report Viewer

3-SQL Server Reporting Service-SSRS.

Topic ID: Programming Course: OOP

1 of 1 Find | Next

Crs Id	Crs Name	St Id	St Fname	Grade
300	OOP	5		80
300	OOP	6	Heba	80
300	OOP	10	Fady	110

3-SQL Server Reporting Service-SSRS

Topic ID Course

|< < of 1 > >| 100% Find | Next

Crs Id	Crs Name	St Id	St Fname	Grade
500	SQL Server	6	Heba	90

