

Report Data

Report1.rdl [Design] | StudsReports.rdl [Design]

Design Preview

ITI Mansoura

Stud ID Name St Address St Age Dept Id

[St_Id] «Expr» [St_Address] [St_Age] [Dept_Id]

[&UserID] [&ExecutionTir] [&PageNumber]

Row Groups Column Groups

(Details)

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

MansouraReports

Shared Data Sources
ITI_DS1.rds

Shared Datasets

Reports
StudsReports.rdl

Properties

F4

Alignment

Padding 2pt, 2pt, 2pt, 2pt

SpaceAfter

SpaceBefore

Indent

TextAlign Default

VerticalAlign Default

Border

BorderColor LightGrey

BorderStyle Solid

BorderWidth 1pt

Data Only

DataElementName

DataElementOutput Auto

DataElementStyle Auto

Fill

BackgroundColor No Color

Activation Windows

Go to Settings to activate Windows.

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

Output Data Tools Operations

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 'Design' view of a report named 'StudsReports.rdl'. The report structure includes a header section with a logo placeholder ('ITI Mansoura') and a table section. The table has five columns: 'Stud ID', 'Name', 'St Address', 'St Age', and 'Dept Id'. The 'Stud ID' column contains the expression '[St_Id]'. The 'Name' column contains the expression «Expr». The 'St Address' column contains the expression '[St_Address]'. The 'St Age' column contains the expression '[St_Age]'. The 'Dept Id' column contains the expression '[Dept_Id]'. The report also includes three text boxes at the bottom with expressions: '[&UserID]', '[&ExecutionTir]', and '[&PageNumber]'. The left sidebar shows the 'Report Data' pane with sections for 'Built-in Fields', 'Parameters', 'Images', 'Data Sources', and 'Datasets'. The 'Datasets' section lists 'DataSet1' with fields: St_Id, St_Fname, St_Lname, St_Address, St_Age, Dept_Id, and St_Super. The right sidebar shows the 'Solution Explorer' with a project named 'MansouraReports' containing 'ITI_DS1.rds', 'Shared Datasets', and 'Reports/StudsReports.rdl'. The 'Properties' pane is open, showing settings for a data element, including 'BackgroundColor' set to 'LightGreen'. The bottom navigation bar includes links for Report, Serve..., Tool..., SSIS..., SQL..., Output, Data Tools Operations, and a message about activating Windows.



3-SQL Server Reporting Service-SSRS.

Report Data Report1.rdl [Design] StudsReports.rdl [Design]

Design Preview

Built-in Fields

- Execution Time
- Language
- Overall Page Number
- Overall Total Pages
- Page Name
- Page Number
- Render Format IsInteractive
- Render Format Name
- Report Folder
- Report Name
- Report Server URL
- Total Pages
- User ID

Parameters

Images

Data Sources

- DataSource1

Datasets

- DataSet1
 - St_Id
 - St_Fname
 - St_Lname
 - St_Address
 - St_Age
 - Dept_Id
 - St_Super

Report1.rdl [Design]

StudsReports.rdl [Design]

ITI Mansoura

Stud ID Name St Address St Age Dept Id

[St_Id] «Expr» [St_Address] [St_Age] [Dept_Id]

[&UserID] [&ExecutionTir] [&PageNumber]

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

Properties

BackgroundColor

No Color

Color

More colors...

None

Specifies the background color of the item.

Activate Windows

Go to Settings to activate Windows.

3-SQL Server Reporting Service-SSRS

|< |> | 1 | of 1 | > |

100%



Find | Next

ITI Mansoura



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

Activate Windows

Go to Settings to activate Windows.

Report Data Report1.rdl [Design] StudsReports.rdl [Design]

Design Preview

Report Data

- New - Edit... X
- Built-in Fields
 - Execution Time
 - Language
 - Overall Page Number
 - Overall Total Pages
 - Page Name
 - Page Number
 - Render Format IsInteractive
 - Render Format Name
 - Report Folder
 - Report Name
 - Report Server URL
 - Total Pages
 - User ID
- Parameters
- Images
- Data Sources
 - DataSource1
- Datasets
 - DataSet1
 - St_Id
 - St_Fname
 - St_Lname
 - St_Address
 - St_Age
 - Dept_Id
 - St_super

Report1.rdl [Design] StudsReports.rdl [Design]

Design Preview

ITI Mansoura

Stud ID	Name	St Address	St Age	Dept Id
[St_Id]	«Expr»	[St_Address]	[St_Age]	[Dept_Id]

[&UserID] [&ExecutionTir] [&PageNumber]

Row Groups Column Groups

(Details)

Serv... Tool... SSIS... SQL...

Rep... Output Data Tools Operations

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITL_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl

Properties

Alignment

- Padding 2pt, 2pt, 2pt, 2pt
- SpaceAfter
- SpaceBefore

Indent

- TextAlign
- VerticalAlign

Border

- BorderColor
- BorderStyle
- BorderWidth

Data Only

- DataElementName
- DataElementOutput
- DataElementStyle

Fill

- BackgroundColor LightGreen
- BackgroundImage

BackgroundColor

Specifies the background color of the item.

Go to Settings to activate Windows.



3-SQL Server Reporting Service-SSRS.

- Report Data
- New · Edit... · X
- Build-in Fields
 - Execution Time
 - Language
 - Overall Page Number
 - Overall Total Pages
 - Page Name
 - Page Number
 - Render Format IsInteractive
 - Render Format Name
 - Report Folder
 - Report Name
 - Report Server URL
 - Total Pages
 - User ID
- Parameters
- Images
- Data Sources
 - DataSource1
- Datasets
 - DataSet1
 - St_Id
 - St_Fname
 - St_Lname
 - St_Address
 - St_Age
 - Dept_Id
 - St_Super

Design Preview

ITI Mansoura

150 %

Stud ID	Name	St Add	St Age
[St_Id]	«Expr»	[St_Ad]	[St_Age]

[&UserID] [&ExecutionTir] [&P]

Row Groups
= (Details)

Expression

Set expression for: BackgroundColor

```
=IIf(Fields!St_Age.Value >= 24, "Red", "yellow")
```

Category:

- Constants
- Built-in Fields
- Parameters
- Fields (DataSet1)
- Datasets
- Variables
- Operators
 - Arithmetic
 - Comparison
 - Concatenation
 - Logical/Bitwise
 - Bit Shift
- Common Functions
 - Text
 - Date & Time
 - Math
 - Inspection

Item:

<All>

Values:

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

Activate Windows

Go to Settings to activate Windows.

OK

Cancel



3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Tools Reports Analyze Window Help

Report Data Report1.rdl [Design] StudsReports.rdl [Design]

Design Preview

Report1.rdl [Design]

Built-in Fields

- Execution Time
- Language
- Overall Page Number
- Overall Total Pages
- Page Name
- Page Number
- Render Format IsInteractive
- Render Format Name
- Report Folder
- Report Name
- Report Server URL
- Total Pages
- User ID

Parameters

Images

Data Sources

- DataSource1

Datasets

- DataSet1
 - St_Id
 - St_Fname
 - St_Lname
 - St_Address
 - St_Age
 - Dept_Id
 - St_super

Report1.rdl [Design]

StudsReports.rdl [Design]

ITI Mansoura

Set expression for: BackgroundColor

=IIf(Fields!St_Age.Value>=24, "Red", "yellow")

150 %

Category: Constants, Built-in Fields, Parameters, Fields (DataSet1), Datasets, Variables, Operators, Arithmetic, Comparison, Concatenation, Logical/Bitwise, Bit Shift, Common Functions, Text, Date & Time, Math, Inspection

Item: <All>

Values:

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

Activate Windows
Go to Settings to activate Windows.

OK Cancel

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

Output Data Tools Operations

Deploy succeeded.

3-SQL Server Reporting Service-SSRS

|< | 1 | of 1 | > |



100%



Find | Next

ITI Mansoura



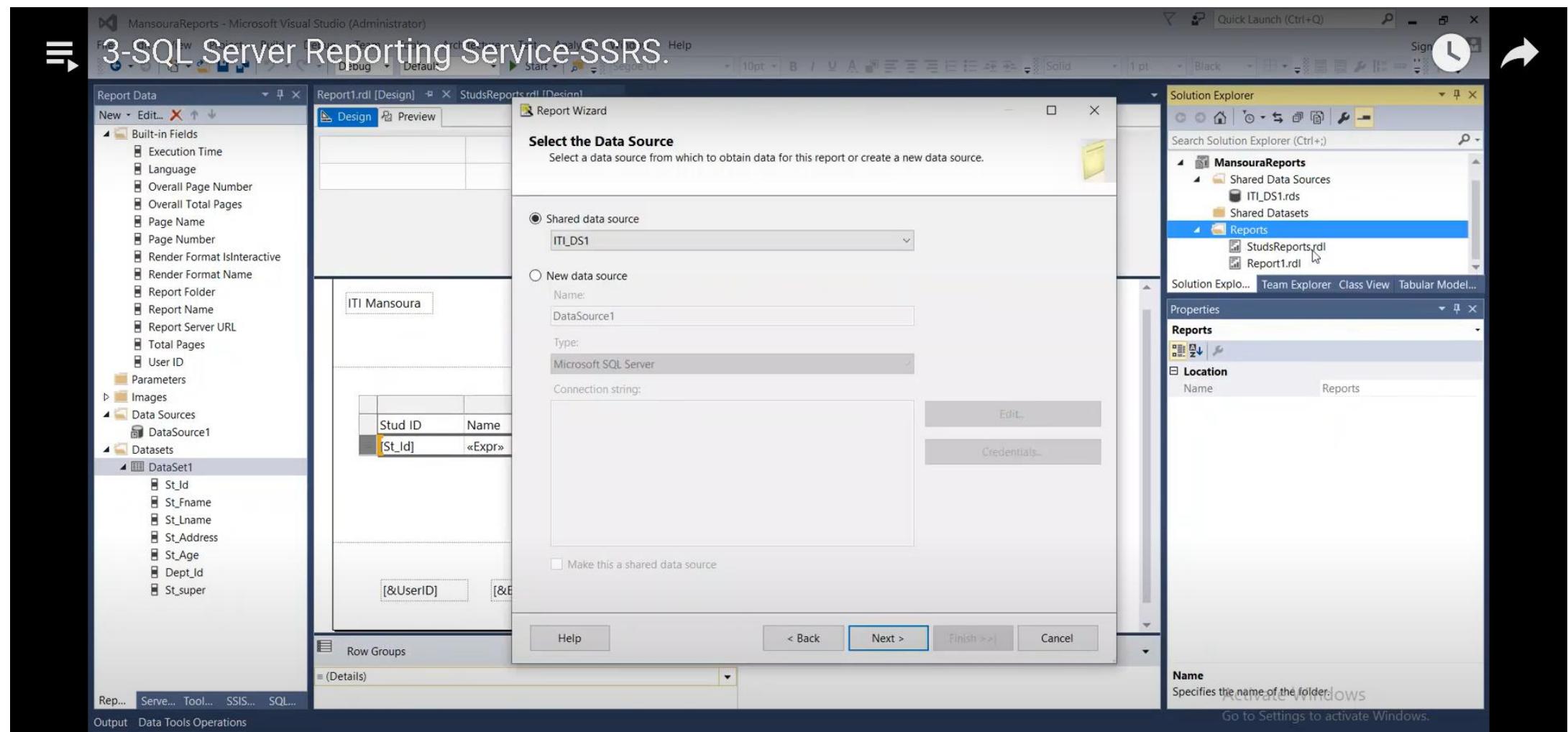
Stud ID	Name	St Address	St Age	Dept Id
1	Ahmed Hassan	Cairo	20	10
2	Amr Magdy	Cairo	21	10
3	Mona Saleh	Cairo	28	10
4	Mohamed	Alex	23	10
5	Moahmed	Alex	24	10
6	Heba Farouk	Mansoura	25	20
7	Ali Hussien	Cairo	25	20
8		Alex	28	20
9	Saly Ahmed	Mansoura	24	20
10	Fady Ali	Alex	24	20
11	mohamed ali Ahmed	Cairo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

Activate Windows

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 Data' designer for 'Report1.rdl [Design]'. The report layout includes a header section with a placeholder for 'ITI Mansoura' and a group of people, followed by a table with columns: Stud ID, Name, St Address, St Age, and Dept Id. The 'St_Id' column contains the expression '[St_Id]'. The report footer contains three text boxes with expressions: '&UserID', '&ExecutionTir', and '&PageNumber'. The left sidebar shows the 'Report Data' tree, which includes 'Built-in Fields', 'Parameters', 'Images', 'Data Sources' (DataSource1), and 'Datasets' (DataSet1). The 'DataSet1' node is expanded, showing fields: St_Id, St_Fname, St_Lname, St_Address, St_Age, Dept_Id, and St_Super. The 'Solution Explorer' pane on the right shows a project named 'MansouraReports' with a 'Reports' folder selected. A context menu is open over the 'Reports' folder, with the 'Add New Report' option highlighted. The 'Properties' pane shows the report is located in the 'Reports' folder. A tooltip at the bottom right of the screen says 'Activate Windows' and 'Go to Settings to activate Windows.'



3-SQL Server Reporting Service SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data Report1.rdl [Design] StudsReports.rdl [Design]

Design Preview Report Wizard

Design the Query

Specify a query to execute to get the data for the report.

Use a query builder to design your query.

Query Builder...

Query string:

ITI Mansoura

Stud ID	Name
[St_Id]	«Expr»

[&UserID]

Row Groups (Details)

Built-in Fields

- Execution Time
- Language
- Overall Page Number
- Overall Total Pages
- Page Name
- Page Number
- Render Format IsInteractive
- Render Format Name
- Report Folder
- Report Name
- Report Server URL
- Total Pages
- User ID

Parameters

Images

Data Sources

- DataSource1

Datasets

- DataSet1
 - St_Id
 - St_Fname
 - St_Lname
 - St_Address
 - St_Age
 - Dept_Id
 - St_Super

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

Output Data Tools Operations

Solution Explorer

Search Solution Explorer (Ctrl+.)

MansouraReports

- Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
- Reports
 - StudsReports.rdl
 - Report1.rdl

Solution Explorer Team Explorer Class View Tabular Model...

Properties Reports

Location

Name Reports

Name

Specifies the name of the folder.

Activate Windows

Go to Settings to activate Windows.

10pt Solid 1 pt Black



3-SQL Server Reporting Service-SSRS.

Report Data

New Edit... X

- Built-in Fields
 - Execution Time
 - Language
 - Overall Page Number
 - Overall Total Pages
 - Page Name
 - Page Number
 - Render Format IsInteractive
 - Render Format Name
 - Report Folder
 - Report Name
 - Report Server URL
 - Total Pages
 - User ID
- Parameters
- Images
- Data Sources
 - DataSource1
- Datasets
 - DataSet1
 - St_Id
 - St_Fname
 - St_Lname
 - St_Address
 - St_Age
 - Dept_Id
 - St_super

Report1.rdl [Design] StudsReports.rdl [Design]

Design Preview

Report Wizard

Design the Query

Specify a query to execute to get the data for the report.

Use a query builder to design your query.

Query Builder...

Query string:

```
select * from student
```

Help < Back Next > Finish >> Cancel

ITI Mansoura

St_Id	Name
[St_Id]	«Expr»

Row Groups

(Details)

Solution Explorer

Search Solution Explorer (Ctrl+.)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl

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

Properties

Reports

Location

Name Reports

Name
Specifies the name of the folder.

Activate Windows
Go to Settings to activate Windows.

3-SQL Server Reporting Service-SSRS.

The screenshot shows the Microsoft Visual Studio interface for creating a SQL Server Reporting Services (SSRS) report. The main window displays the Report Wizard "Select the Report Type" step. The "Tabular" option is selected, and a preview window shows a tabular report structure with columns labeled "Stud ID" and "Name". The "St_Id" field is highlighted with a yellow selection bar. The "Report Data" pane on the left lists various built-in fields, parameters, images, data sources, and datasets. The "DataSet1" dataset is currently selected, showing columns: St_Id, St_Fname, St_Lname, St_Address, St_Age, Dept_Id, and St_super. The "Solution Explorer" pane shows a project structure under "MansouraReports" with "StudsReports.rdl" and "Report1.rdl" selected. The "Properties" pane shows the report is located in the "Reports" folder. A tooltip at the bottom right indicates "Activate Windows" with the message "Go to Settings to activate Windows.".

3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data New Edit... Report1.rdl [Design] × StudsReports.rdl [Design]

Report Wizard Design Preview

Design the Table

Choose how to group the data in the table.

Available fields:

- Page >
- Group >
- Details >
- < Remove

Displayed fields:

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

ITI Mansoura

St_Id	Name
[St_Id]	«Expr»

[&UserID] [&E]

Row Groups

(Details)

Help < Back Next >| Finish >> Cancel

Solution Explorer

Search Solution Explorer (Ctrl+.)

MansouraReports

- Shared Data Sources
- ITI_DS1.rds
- Shared Datasets
- Reports
- StudsReports.rdl
- Report1.rdl

Properties Reports Location Name Reports

Name Specifies the name of the folder.

Activate Windows Go to Settings to activate Windows

3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data Report1.rdl [Design] StudsReports.rdl [Design]

Design Preview

Report Wizard

Design the Table

Choose how to group the data in the table.

Available fields:

Displayed fields:

ITI Mansoura

Stud ID Name

[St_Id] «Expr»

[&UserID] [&E]

Dept_Id

St_Address

St_Id St_Fname St_Lname St_Age St_super

Row Groups

(Details)

Help < Back Next > Finish >> Cancel

Solution Explorer

Search Solution Explorer (Ctrl+;) MansouraReports Shared Data Sources ITI_DS1.rds Shared Datasets Reports StudsReports.rdl Report1.rdl

Properties Reports Location Name Reports

Name Specifies the name of the folder. Active Windows

The screenshot displays the Microsoft Visual Studio interface for creating a SQL Server Reporting Services (SSRS) report. The main window shows the 'Report Wizard' dialog titled 'Design the Table', which guides the user through grouping data in a table. The 'Available fields' pane on the left lists various fields from the 'DataSet1' dataset, including 'St_Id', 'St_Fname', 'St_Lname', 'St_Address', 'St_Age', and 'St_super'. The 'Displayed fields' pane on the right shows 'Dept_Id' and 'St_Address' selected. A preview of the grouped data is shown in the bottom right corner. The 'Properties' pane on the right indicates the report is located in the 'Reports' folder under the 'MansouraReports' project. The 'Solution Explorer' pane on the far right lists the project structure, including 'Shared Data Sources', 'Shared Datasets', and the 'Reports' folder containing 'StudsReports.rdl' and 'Report1.rdl'.

3-SQL Server Reporting Service-SSRS.

The screenshot shows the Microsoft Visual Studio interface for creating a SQL Server Reporting Services (SSRS) report. The main window displays the 'Report Wizard' titled 'Design the Table'. The 'Available fields' pane lists fields from the 'DataSet1' dataset, including St_Id, St_Fname, St_Lname, St_Address, St_Age, Dept_Id, and St_Super. The 'Displayed fields' pane shows the 'Dept_Id' field currently selected. A preview of the report is visible on the left, showing a table with columns 'St ID' and 'Name', and a row with values 'St_Id' and '«Expr»'. The 'Properties' pane on the right shows the 'Name' property set to 'Reports'.

Report Data

New Edit... X ↑ ↓

Built-in Fields

- Execution Time
- Language
- Overall Page Number
- Overall Total Pages
- Page Name
- Page Number
- Render Format IsInteractive
- Render Format Name
- Report Folder
- Report Name
- Report Server URL
- Total Pages
- User ID

Parameters

Images

Data Sources

- DataSource1

Datasets

- DataSet1
 - St_Id
 - St_Fname
 - St_Lname
 - St_Address
 - St_Age
 - Dept_Id
 - St_Super

Report1.rdl [Design] StudsReports.rdl [Design]

Report Wizard

Design Preview

Design the Table

Choose how to group the data in the table.

Available fields:

- Page>
- Group>
- Details>
- < Remove

Displayed fields:

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

Row Groups

(Details)

Help < Back Next > Finish >> Cancel

Solution Explorer

Search Solution Explorer (Ctrl+;) MansouraReports Shared Data Sources ITI_DS1.rds Shared Datasets Reports StudsReports.rdl Report1.rdl

Properties

Reports

Name Reports

Location

Name Reports

Name Specifies the name of the folder.

VIP

Report Data Report1.rdl [Design] StudsReports.rdl [Design]

Report Wizard

Design the Table

Choose how to group the data in the table.

Available fields:

- ITI Mansoura
- St_Id
- Name
- [St_Id]
- «Expr»
- [&UserID]
- [&E

Displayed fields:

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

Page>

Group>

Details>

< Remove

Help

< Back

Next >

Finish >>

Cancel

Row Groups

(Details)

Solution Explorer

Search Solution Explorer (Ctrl+F)

MansouraReports

- Shared Data Sources
- ITI_DS1.rds
- Shared Datasets
- Reports
- StudsReports.rdl
- Report1.rdl

Properties

Reports

Location

Name Reports

Name

Specifies the name of the folder.

Activate Windows

Go to Settings to activate Windows.

Report Data

New • Edit... X ↑ ↓

Built-in Fields

- Execution Time
- Language
- Overall Page Number
- Overall Total Pages
- Page Name
- Page Number
- Render Format IsInteractive
- Render Format Name
- Report Folder
- Report Name
- Report Server URL
- Total Pages
- User ID

Parameters

Images

Data Sources

- DataSource1

Datasets

- DataSet1
 - St_Id
 - St_Fname
 - St_Lname
 - St_Address
 - St_Age
 - Dept_Id
 - St_super

Report1.rdl [Design] X StudsReports.rdl [Design]

Report Wizard

Choose the Table Layout

Choose the type of layout for the table.

Stepped (radio button selected)

Block (radio button)

Include subtotals

Enable drilldown

ITI Mansoura

Stud ID Name
[St_Id] «Expr»

[&UserID] [&E]

Row Groups

Help < Back Next >| Finish >> Cancel

(Details)

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

Output Data Tools Operations

Solution Explorer

Search Solution Explorer (Ctrl+.)

MansouraReports

- Shared Data Sources
- ITI_DS1.rds
- Shared Datasets
- Reports
 - StudsReports.rdl
 - Report1.rdl

Properties

Reports

Location

Name Reports

Name

Activate Windows

Specifies the name of the folder.

Go to Settings to activate Windows.

Report Data

New Edit... X ↑ ↓

Built-in Fields

- Execution Time
- Language
- Overall Page Number
- Overall Total Pages
- Page Name
- Page Number
- Render Format IsInteractive
- Render Format Name
- Report Folder
- Report Name
- Report Server URL
- Total Pages
- User ID

Parameters

Images

Data Sources

- DataSource1

Datasets

- DataSet1
 - St_Id
 - St_Fname
 - St_Lname
 - St_Address
 - St_Age
 - Dept_Id
 - St_super

Report1.rdl [Design] StudsReports.rdl [Design]

Report Wizard

Design Preview

Choose the Table Layout

Choose the type of layout for the table.

Stepped

Block

Include subtotals

Enable drilldown

ITI Mansoura

Stud ID Name

[St_Id] «Expr»

[&UserID] [&E]

Row Groups

(Details)

Help < Back Next >| Finish >> Cancel

Solution Explorer

Search Solution Explorer (Ctrl+)

MansouraReports

- Shared Data Sources
- ITI_DS1.rds
- Shared Datasets
- Reports
 - StudsReports.rdl
 - Report1.rdl

Properties

Reports

Location

Name Reports

Name

Specifies the name of the folder.

Activate Windows

Go to Settings to activate Windows.

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

Output Data Tools Operations

3-SQL Server Reporting Service-SSRS.

The screenshot shows the Microsoft Visual Studio interface for creating a SQL Server Reporting Services (SSRS) report. The main window displays the 'Report Wizard' dialog titled 'Choose the Table Layout'. The wizard is prompting the user to select a layout type for a table in the report. The 'Stepped' layout option is selected, and a preview of the table's layout is shown on the right, featuring a stepped design with horizontal and vertical grid lines. Below the preview, there are two checked checkboxes: 'Include subtotals' and 'Enable drilldown'. The report's design view on the left shows a header section labeled 'ITI Mansoura' and a data section containing a table with columns 'Stud ID' and 'Name', where 'St_Id' is highlighted. The 'Report Data' pane on the left lists various built-in fields, parameters, images, data sources, and datasets. The 'Solution Explorer' pane on the right shows the project structure under 'MansouraReports' with files like 'ITI_DS1.rds', 'Shared Datasets', 'Reports', 'StudsReports.rdl', and 'Report1.rdl'. The 'Properties' pane on the far right shows the 'Location' property set to 'Reports'.



Report Data

New Edit... X ↑ ↓

- Built-in Fields
 - Execution Time
 - Language
 - Overall Page Number
 - Overall Total Pages
 - Page Name
 - Page Number
 - Render Format IsInteractive
 - Render Format Name
 - Report Folder
 - Report Name
 - Report Server URL
 - Total Pages
 - User ID
- Parameters
- Images
- Data Sources
 - DataSource1
- Datasets
 - DataSet1
 - St_Id
 - St_Fname
 - St_Lname
 - St_Address
 - St_Age
 - Dept_Id
 - St_super

Report1.rdl [Design] StudsReports.rdl [Design]

Report Wizard

Completing the Wizard

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

Report name: Report2

Report summary:

Data source: ITI_DS1

Connection string:

Report type: Table

Layout type: Stepped (with subtotals)

Style: Modern

Drilldown: Enabled

Page: Dept_Id

Grouping: St_Address

Details: St_Id, St_Fname, St_Lname, St_Age, St_super

Preview report

Help < Back Next > **Finish** Cancel

Row Groups
= (Details)

Solution Explorer

Search Solution Explorer (Ctrl+I)

MansouraReports

- Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
- Reports
 - StudsReports.rdl
 - Report1.rdl

Properties

Reports

Name: Reports

Name: Specifies the name of the folder.



Report2

[Dept_Id]

St Address	St Id	St Fname	St Lname	St Age	St super
[St_Address]	[Sum(St_Id)]			[Sum(St_Age)]	[Sum(St_super)]
	[St_Id]	[St_Fname]	[St_Lname]	[St_Age]	[St_super]

Row Groups

(list1_Dept_Id)

Column Groups



Solution Explorer

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl

Properties

Report

- AutoRefresh 0
- ConsumeContainerWhitespace True
- CustomProperties
- InitialPageName

Page

- BackgroundColor Automatic
- BackgroundImage
- BorderColor Black
- BorderStyle None
- BorderWidth 1pt
- Columns
- InteractiveSize 8.5in, 11in
- Margins 1in, 1in, 1in, 1in
- PageSize 8.5in, 11in

References

- Assemblies
- Classes

Assemblies

Specifies the assemblies that the report references.

MansouraReports - Microsoft Visual Studio (Administrator)

3-SQL Server Reporting Service-SSRS.

Report Data Report2.rdl [Design] Report1.rdl [Design] StudsReports.rdl [Design]

Design Preview

2 of 3 ? 100% Find | Next

Next Page

St Address	St Id	St Fname	St Lname	St Age	St super
Alex	9			47	2
Cairo	6			69	2

Solution Explorer

Search Solution Explorer (Ctrl+;) MansouraReports Shared Data Sources ITL_DS1.rds Shared Datasets Reports StudsReports.rdl Report1.rdl

Properties

Activate Windows

MansouraReports - Microsoft Visual Studio (Administrator)

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

Report Data Report2.rdl [Design] Report1.rdl [Design] StudsReports.rdl [Design]

Design Preview

4 of 4 100% Find | Next

30

St Address	St Id	St Fname	St Lname	St Age	St super
□ Cairo	105			119	12
□ Tanta	12			21	
□ Tanta	14			22	

Solution Explorer

Search Solution Explorer (Ctrl+;) MansouraReports Shared Data Sources ITI_DS1.rds Shared Datasets Reports StudsReports.rdl Report1.rdl

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

Properties

Activate Windows

The screenshot shows the Microsoft Visual Studio interface for developing reports using the Report Designer. The main window displays the 'Report2.rdl [Design]' tab, showing a table with student data. The table has columns: St Address, St Id, St Fname, St Lname, St Age, and St super. The data shows three entries: Cairo (105, 21), Tanta (12, 22), and Tanta (14, 22). The 'Solution Explorer' pane on the right shows the project structure under 'MansouraReports', including 'Shared Data Sources' (ITI_DS1.rds), 'Shared Datasets', and 'Reports' (StudsReports.rdl, Report1.rdl). The 'Properties' pane is also visible.

3-SQL Server Reporting Service-SSRS.

St Address	St Id	St Fname	St Lname	St Age	St super
❑ Alex	18			52	15
	8			28	6
❑ Cairo	10	Fady	Ali	24	9
	18			49	15
❑ Mansoura	7	Ali	Hussien	25	6
	11	mohamed ali	Ahmed	24	9
❑ Mansoura	15			49	

Activate Windows

Go to Settings to activate Windows.

MansouraReports - Microsoft Visual Studio (Administrator)



Report Data

New Edit...

Save

Print

Preview

Help

Report2.rdl [Design] Report1.rdl [Design]

StudsReports.rdl [Design]

Design Preview

3 of 4 100% Find Next

20

St Address	St Id	St Fname	St Lname	St Age	St super
Alex	18			52	15
	8			28	6
Cairo	10	Fady	Ali	24	9
	18			49	15
Mansoura	7	Ali	Hussien	25	6
	11	mohamed ali	Ahmed	24	9
Mansoura	15			49	

Quick Launch (Ctrl+Q)



Solution Explorer

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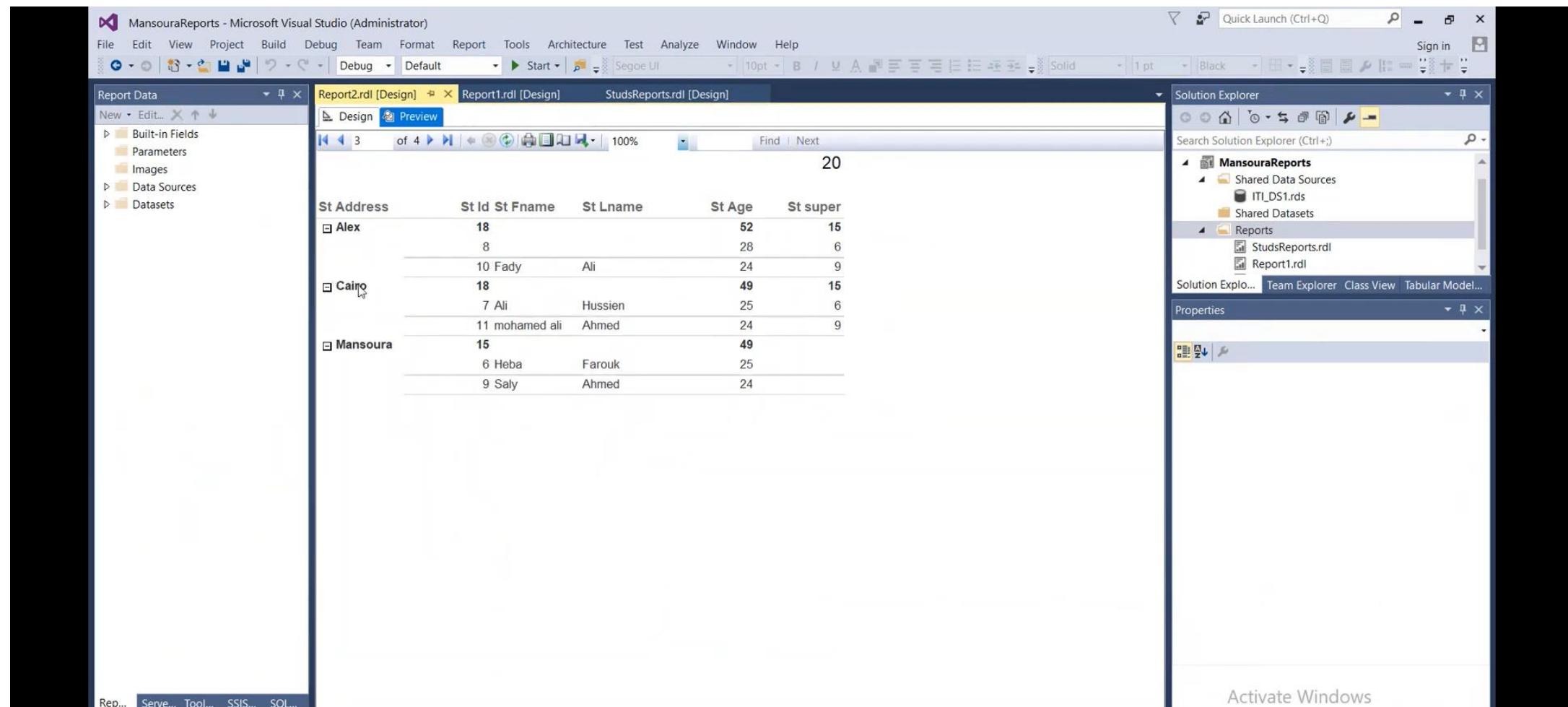
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MansouraReports - Microsoft Visual Studio (Administrator)

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

Report Data Report2.rdl [Design] Report1.rdl [Design] StudsReports.rdl [Design]

Design Preview

Report2

[Dept_Id]

St Address	St Id	St Fname	St Lname	St Age	St super
[St_Address]	[Sum(St_Id)]			[Sum(St_Age)]	[Sum(St_sup)]
	[St_Id]	[St_Fname]	[St_Lname]	[St_Age]	[St_super]

Row Groups Column Groups

(list1_Dept_Id)

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

Output Data Tools Operations

Solid 1 pt Black

Sign in

Quick Launch (Ctrl+Q)

Search Solution Explorer (Ctrl+.)

MansouraReports

- Shared Data Sources
- ITI_DS1.rds
- Shared Datasets
- Reports
- StudsReports.rdl
- Report1.rdl

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

Properties

Report

Other

- AutoRefresh 0
- ConsumeContainerWhitespace True
- CustomProperties
- InitialPageName

Page

- BackgroundColor Automatic
- BackgroundImage
- BorderColor Black
- BorderStyle None
- BorderWidth 1pt
- Columns
- InteractiveSize 8.5in, 11in
- Margins 1in, 1in, 1in, 1in
- PageSize 8.5in, 11in

References

- Assemblies
- Classes

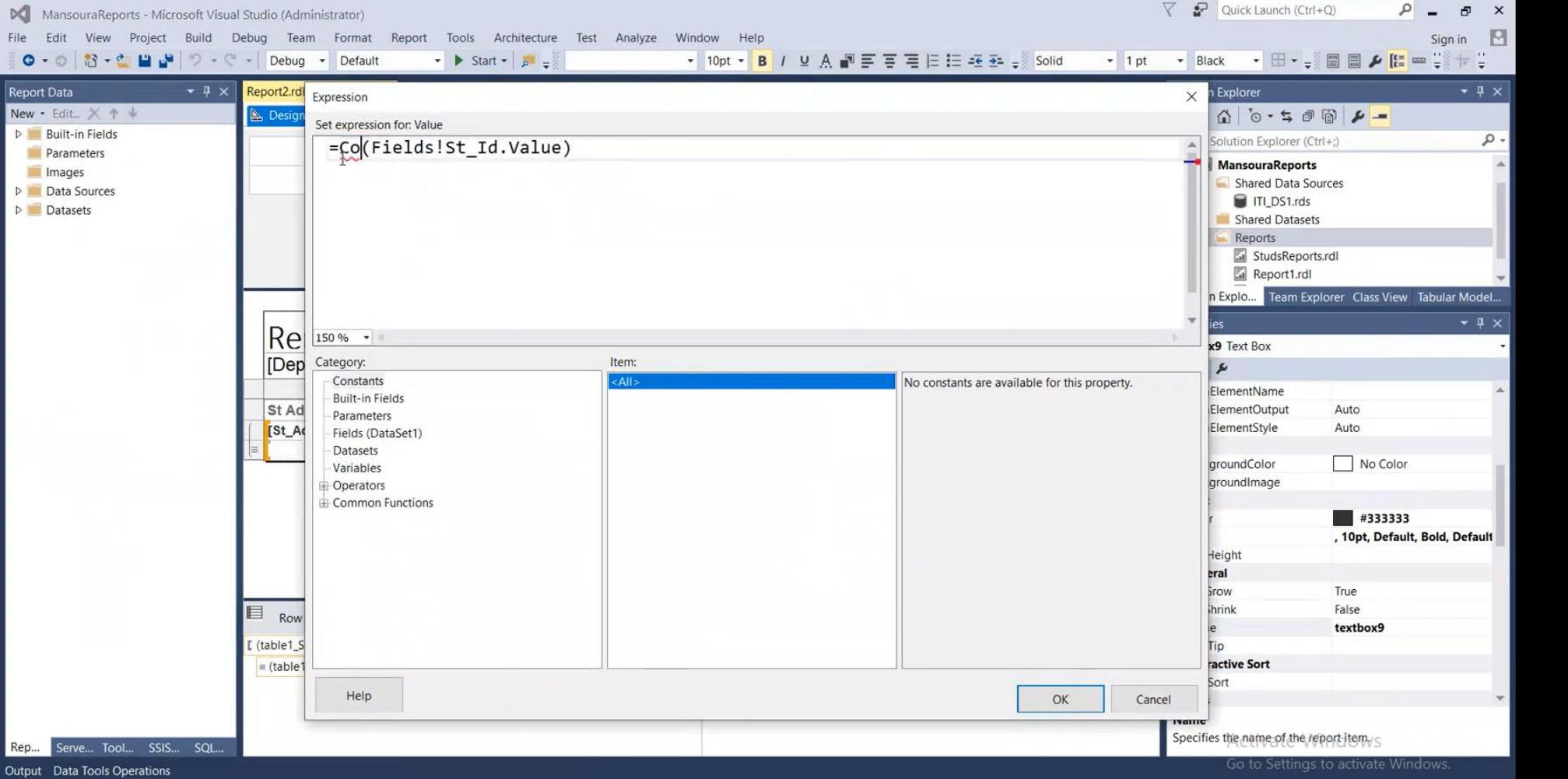
Assemblies

Specifies the assemblies that the report references.

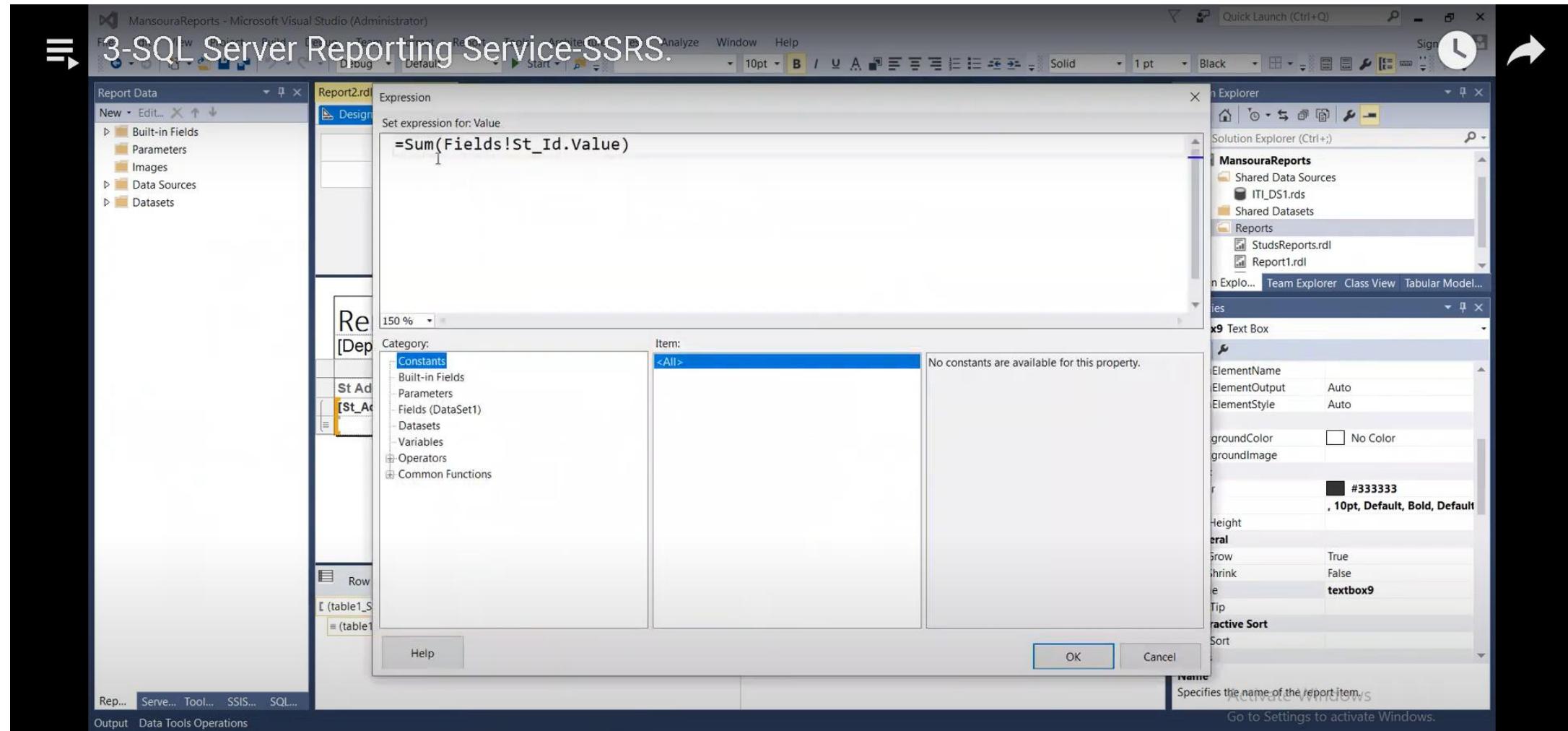
Activate Windows

Go to Settings to activate Windows.

The screenshot shows the Microsoft Visual Studio interface for developing reports using the Report Designer. The main window displays the 'Report2.rdl [Design]' tab, which contains a table structure. The table has six columns: 'St Address', 'St Id', 'St Fname', 'St Lname', 'St Age', and 'St super'. The first row of the table contains aggregate functions: '[Sum(St_Id)]', '[Sum(St_Age)]', and '[Sum(St_sup)]'. The second row contains the column headers: '[St_Address]', '[St_Id]', '[St_Fname]', '[St_Lname]', '[St_Age]', and '[St_super]'. The third row contains the individual field names: '[St_Address]', '[St_Id]', '[St_Fname]', '[St_Lname]', '[St_Age]', and '[St_super]'. The report is grouped by 'list1_Dept_Id'. The Solution Explorer on the right shows the project structure under 'MansouraReports' with files like 'ITI_DS1.rds', 'StudsReports.rdl', and 'Report1.rdl'. The Properties window on the far right shows various report settings such as 'BackgroundColor' (Automatic), 'BackgroundImage', 'BorderColor' (Black), 'BorderStyle' (None), 'BorderWidth' (1pt), 'Columns', 'InteractiveSize' (8.5in, 11in), 'Margins' (1in, 1in, 1in, 1in), and 'PageSize' (8.5in, 11in). The status bar at the bottom indicates 'Activate Windows' and 'Go to Settings to activate Windows.'



3- SQL Server Reporting Service-SSRS.



3-SQL Server Reporting Service-SSRS.

Report Data

New Edit... Design

Report2.rdl

Expression

Set expression for: Value

=Count(Fields!St_Id.Value)

Category: Constants, Built-in Fields, Parameters, Fields (DataSet1), Datasets, Variables, Operators, Common Functions

Item: <All>

No constants are available for this property.

OK Cancel

Report Explorer

Solution Explorer (Ctrl+.)

MansouraReports

- Shared Data Sources
 - ITL_DS1.rds
- Shared Datasets
- Reports
 - StudsReports.rdl
 - Report1.rdl

Properties

textBox9 Text Box

ElementName	Auto
ElementOutput	Auto
ElementStyle	Auto
groundColor	No Color
groundImage	
Height	10pt
HorizontalAlign	Default
IsBold	True
IsItalic	False
IsUnderline	Default
Tip	textBox9
InteractiveSort	
Sort	

Name: textBox9
Specifies the name of the report item.

MansouraReports - Microsoft Visual Studio (Administrator)

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 'Report2.rdl [Design]' view, which contains a table with columns: St Address, St Id, St Fname, St Lname, St Age, and St super. A context menu is open over the 'St Age' column header, showing options like Text Box, Cut, Copy, Paste, Delete, Select, Expression..., Text Box Properties..., Tablix, Insert Column, Insert Row, Delete Columns, Delete Rows, Add Group, Row Group, Add Total, and Insert. The 'Expression...' option is highlighted. The Solution Explorer on the right shows a project named 'MansouraReports' containing 'Shared Data Sources', 'Shared Datasets', and 'Reports' folder with files 'StudsReports.rdl' and 'Report1.rdl'. The Properties window on the far right is set to 'textbox12 Text Box' and shows various properties such as DataElementName (textbox12), DataElementOutput (Auto), DataElementStyle (Auto), Fill (BackgroundColor: No Color), Font (Color: #333333, Font: 10pt, Default, Bold, Default), General (CanGrow: True, CanShrink: False, Name: textbox12, ToolTip), Interactive Sort (UserSort), and Lists (Name: Specifies the name of the report item). The status bar at the bottom indicates 'Ready'.



3-

SQL Server Reporting Service-SSRS.

Report Data

New Edit...

Report2.rdl

Design

Expression

Set expression for: Value

=Avg(Fields!St_Age.Value)

Category: Item:

Constants

Built-in Fields

Parameters

Fields (DataSet1)

Datasets

Variables

Operators

Common Functions

<All>

No constants are available for this property.

Help OK Cancel

Report Server... Tool... SSIS... SQL... Output Data Tools Operations Ready

Solid 1 pt Black

Quick Launch (Ctrl+Q) Sign In

File Edit View Insert Reports Tools Analyze Window Help

10pt B A

Report Explorer Solution Explorer (Ctrl+.)

MansouraReports

Shared Data Sources

ITI_DS1.rds

Shared Datasets

Reports

StudsReports.rdl

Report1.rdl

Properties

ElementName: textbox12

ElementOutput: Auto

ElementStyle: Auto

groundColor: No Color

groundColor: #333333

Height: 10pt, Default, Bold, Default

General

Grow: True

Shrink: False

Name: textbox12

Tip:

Interactive Sort: Sort

Activate Windows: Specifies the name of the report item to activate Windows.

Go to Settings to activate Windows.

↑ Publish



3-SQL Server Reporting Service SSRS.



Report Data

New Edit...

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

Report2.rdl [Design]

Design Preview

Report1.rdl [Design]

StudsReports.rdl [Design]

St Address	St Id	St Fname	St Lname	St Age	St super
Alex	2			23.5	
Cairo	3			23	

10

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

Output Data Tools Operations

Quick Launch (Ctrl+Q)



Solution Explorer

Search Solution Explorer (Ctrl+;)

MansouraReports

Shared Data Sources

ITI_DS1.rds

Shared Datasets

Reports

StudsReports.rdl

Report1.rdl

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

Properties

Activate Windows

Go to Settings to activate Windows.



3-SQL Server Reporting Service-SSRS.



Report Data

New Edit... X

Built-in Fields

Parameters

Images

Data Sources

Datasets

Report2.rdl [Design] X Report1.rdl [Design]

StudsReports.rdl [Design]

Design Preview

2 of 3 ?

Find Next

100%

10

St Address	St Id	St Fname	St Lname	St Age	St super
Alex	2			23.5	
	4	Mohamed		23	1
	5	Moahmed		24	1
Cairo	3			23	
	1	Ahmed	Hassan	20	
	2	Amr	Magdy	21	1
	3	Mona	Saleh	28	1

Solution Explorer

Search Solution Explorer (Ctrl+Shift+F)

MansouraReports

Shared Data Sources

ITL_DS1.rds

Shared Datasets

Reports

StudsReports.rdl

Report1.rdl

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

Properties

B D

Activate Windows

Go to Settings to activate Windows.

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

Output Data Tools Operations

Ready

Publish



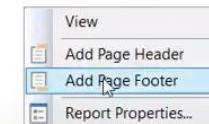
3-SQL Server Reporting Service-SSRS.

- New
- Edit...
- ...
- ...
- ...
- ...
- ...
- Built-in Fields
- Parameters
- Images
- Data Sources
- Datasets

Report2

[Dept_Id]

St Address	St Id	St Fname	St Lname	St Age	St super
[St_Address]	[Count(St_Id)]			[Avg(St_Age)]	
	[St_Id]	[St_Fname]	[St_Lname]	[St_Age]	[St_super]



Row Groups	Column Groups
[list1_Dept_Id]	

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

Output Data Tools Operations

Ready

Solution Explorer

- MansouraReports
 - Shared Data Sources
 - ITL_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl

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

Properties

Report

- AutoRefresh 0
- ConsumeContainerWhitespace True
- CustomProperties
- InitialPageName

Page

- BackgroundColor Automatic
- BackgroundImage
- BorderColor Black
- BorderStyle None
- BorderWidth 1pt
- Columns
- InteractiveSize 8.5in, 11in
- Margins 1in, 1in, 1in, 1in
- PageSize 8.5in, 11in

References

- Assemblies
 - Classes
- Assemblies
Specifies the assemblies that the report references.
Go to Settings to activate Windows.

Publish

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 'Report2.rdl [Design]' tab, showing a report layout with a title 'Report2' and a subtitle '[Dept_Id]'. Below the title is a table with six columns: 'St Address', 'St Id', 'St Fname', 'St Lname', 'St Age', and 'St super'. The first column contains the expression '[St_Address]'. The second column contains '[Count(St_Id)]'. The third column contains '[St_Fname]'. The fourth column contains '[St_Lname]'. The fifth column contains '[Avg(St_Age)]'. The sixth column contains '[St_super]'. The table has two rows. The first row contains the expressions above. The second row contains the field names: '[St_Id]', '[St_Fname]', '[St_Lname]', '[St_Age]', and '[St_super]'. Below the table is a placeholder for a page number, indicated by the expression '[&PageNumber]'. The bottom left pane shows the 'Row Groups' and 'Column Groups' sections, with 'list1_Dept_Id' selected under Row Groups. The bottom right pane shows the 'Properties' window for a 'PageNumber' text box, with the 'Name' property set to 'PageNumber'. The Solution Explorer on the right shows the project structure with files like 'ITI_DS1.rds', 'Shared Datasets', 'StudsReports.rdl', and 'Report1.rdl'. The status bar at the bottom indicates 'Activate Windows' 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 'Report2.rdl [Design]' report, which contains a table with six columns: St Address, St Id, St Fname, St Lname, St Age, and St super. The table has three rows. The first row contains the expressions: [St_Address], [Count(St_Id)], [St_Fname], [St_Lname], [Avg(St_Age)], and [St_super]. The second row contains the expressions: [St_Id], [St_Fname], [St_Lname], [St_Age], and [St_super]. Below the table, there is a placeholder for a page number, indicated by the expression: &[PageNumber].

The Solution Explorer on the right shows the project structure under 'MansouraReports' with 'Reports' containing 'StudsReports.rdl' and 'Report1.rdl'. The Properties window on the far right shows the properties for a 'PageNumber' text box, including its DataElementName set to 'Auto', DataElementOutput set to 'Auto', and DataElementStyle set to 'Auto'. The 'Font' section shows a color swatch for 'Black' and a font size of 'Segoe UI, 10pt, Default, Default'. The 'General' section shows 'CanGrow' as 'True' and 'CanShrink' as 'False', with the 'Name' property set to 'PageNumber'. The 'Lists' section specifies the name of the report item as 'PageNumber'.

Report Data

Report2.rdl [Design] Report1.rdl [Design] StudsReports.rdl [Design]

Design Preview

4 of 4 100% Find | Next

30

St Address	St Id	St Fname	St Lname	St Age	St super
	5			23.8	
Cairo	1			21	
Tanta				22	

4

Page Number

Solution Explorer

Search Solution Explorer (Ctrl+Shift+F)

MansouraReports

- Shared Data Sources
 - ITI_DS1.rds
- Shared Datasets
- Reports
 - StudsReports.rdl
 - Report1.rdl

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

Properties

Activate Windows
Go to Settings to activate Windows.

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

Output Data Tools Operations

The screenshot shows a Microsoft Visual Studio interface with the 'Report Data' tab selected. In the center, a report design window displays a table with student data. Handwritten red text 'Page Number' is overlaid on the bottom left of the report area. The Solution Explorer on the right shows a project named 'MansouraReports' containing datasets, shared data sources, and reports like 'StudsReports.rdl' and 'Report1.rdl'. The status bar at the bottom indicates 'Activate Windows'.



3-SQL Server Reporting Service SSRS.

Report Data
New
Edit...
...
...
Built-in Fields
Execution Time
Language
Overall Page Number
Overall Total Pages
Page Name
Page Number
Render Format IsInteractive
Render Format Name
Report Folder
Report Name
Report Server URL
Total Pages
User ID
Parameters
Images
Data Sources
Datasets

Report2

[Dept_Id]

St Address	St Id	St Fname	St Lname	St Age	St super
[St_Address]	[Count(St_Id)]			[Avg(St_Age)]	
	[St_Id]	[St_Fname]	[St_Lname]	[St_Age]	[St_super]



Row Groups

[list1_Dept_Id]

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

Output Data Tools Operations

Solution Explorer	
Search Solution Explorer (Ctrl+;)	
▲	MansouraReports
▲	Shared Data Sources
ITI_DS1.rds	
▲	Shared Datasets
StudsReports.rdl	
▲	Reports
Report1.rdl	

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

Properties	
PageNumber	Text Box
BorderStyle	None
BorderWidth	1pt
Data Only	
DataElementName	
DataElementOutput	Auto
DataElementStyle	Auto
Fill	
BackgroundColor	No Color
BackgroundImage	
Font	
Color	Black
Font	Segoe UI, 10pt, Default, Defau
General	
CanGrow	True
CanShrink	False
Name	PageNumber
ToolTip	
Name	

Specifies the name of the report item.

Activate Windows.

Go to Settings to activate Windows.

3-SQL Server Reporting Service-SSRS.

Report Data

New Edit... Design Report2.rdl

Built-in Fields

- Execution Time
- Language
- Overall Page Number
- Overall Total Pages
- Page Name
- Page Number
- Render Format IsInteractive
- Render Format Name
- Report Folder
- Report Name
- Report Server URL
- Total Pages
- User ID

Parameters

Images

Data Sources

Datasets

Report Data

Report2.rdl

Design

Expression

Set expression for: Value

```
=Globals!PageNumber & " out of " &Globals!OverallTotalPages
```

Category:

- Constants
- Built-in Fields
- Parameters
- Fields
- Datasets
- Variables
- Operators
- Common Functions

Item:

- ExecutionTime
- Language
- OverallPageNumber
- OverallTotalPages**
- PageName
- PageNumber
- RenderFormat.IsInteractive
- RenderFormat.Name
- ReportFolder
- ReportName
- ReportServerUrl
- TotalPages
- UserID

Description

The total number of pages in the report. Can be used only in a page header and footer.

Example

Globals!OverallTotalPages

OK Cancel

Properties

Name: PageNumber

Specifies the name of the report item.

Activate Windows

Go to Settings to activate Windows.

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

Output Data Tools Operations



3-SQL Server Reporting Service-SSRS.



Report Data
New
Edit...
Up
Down
Built-in Fields
Execution Time
Language
Overall Page Number
Overall Total Pages
Page Name
Page Number
Render Format IsInteractive
Render Format Name
Report Folder
Report Name
Report Server URL
Total Pages
User ID
Parameters
Images
► Data Sources
► Datasets

Report2.rdl [Design] Report1.rdl [Design] StudsReports.rdl [Design]

Design Preview

1 of 4 Find | Next

Report2

St Address	St Id	St Fname	St Lname	St Age	St super
	1				

1 out of 4

MansouraReports
Shared Data Sources
ITI_DS1.rds
Shared Datasets
Reports
StudsReports.rdl
Report1.rdl

Solution Explorer Team Explorer Class View Tabular Model...

Properties

Activate Windows

Go to Settings to activate Windows.

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

Output Data Tools Operations



3-SQL Server Reporting Service SSRS

Quick Launch (Ctrl+Q)



Report Data

New Edit...

Built-in Fields

- Execution Time
- Language
- Overall Page Number
- Overall Total Pages
- Page Name
- Page Number
- Render Format IsInteractive
- Render Format Name
- Report Folder
- Report Name
- Report Server URL
- Total Pages
- User ID
- Parameters
- Images
- Data Sources
- Datasets

Report2.rdl [Design] Design Preview

Report1.rdl [Design] StudsReports.rdl [Design]

St Address	St Id	St Fname	St Lname	St Age	St super
Alex	2			23.5	
Cairo	3			23	

2 out of 4

10

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

Output Data Tools Operations

Solution Explorer

Search Solution Explorer (Ctrl+;)

MansouraReports

Shared Data Sources

ITI_DS1.rds

Shared Datasets

Reports

StudsReports.rdl

Report1.rdl

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

Properties

Activate Windows

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 a report design for 'Report2.rdl [Design]'. The report contains a table with five columns: St Address, St Id, St Fname, St Lname, and St Age. Two rows are visible: one for 'Alex' (St Id 2, St Age 23.5) and another for 'Cairo' (St Id 3, St Age 23). The status bar at the bottom indicates '2 out of 4' pages. The Solution Explorer on the right shows a project named 'MansouraReports' containing a 'Reports' folder, which has an 'Add New Report' option highlighted. The bottom right corner features a watermark: 'Activate Windows' and 'Go to Settings to activate Windows.'

St Address	St Id	St Fname	St Lname	St Age
Alex	2			23.5
Cairo	3			23

10

2 out of 4

Solution Explorer

Search Solution Explorer (Ctrl+F)

MansouraReports

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

Report2.rdl [Design] Report1.rdl [Design] StudsReports.rdl [Design]

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

Output Data Tools Operations

Quick Launch (Ctrl+Q) Sign In

10pt Solid 1 pt Black Properties

Activate Windows Go to Settings to activate Windows.



3-SQL Server Reporting Service-SSRS.

Report Data Report2.rdl [Design] Report1.rdl [Design] StudsReports.rdl [Design]

Design Preview

Report Wizard

2 of 4

Select the Data Source

Select a data source from which to obtain data for this report or create a new data source.

Shared data source

ITI_DS1

New data source

Name: DataSource1

Type: Microsoft SQL Server

Connection string:

Edit... Credentials...

Make this a shared data source

Help < Back Next > Finish >> Cancel

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

MansouraReports

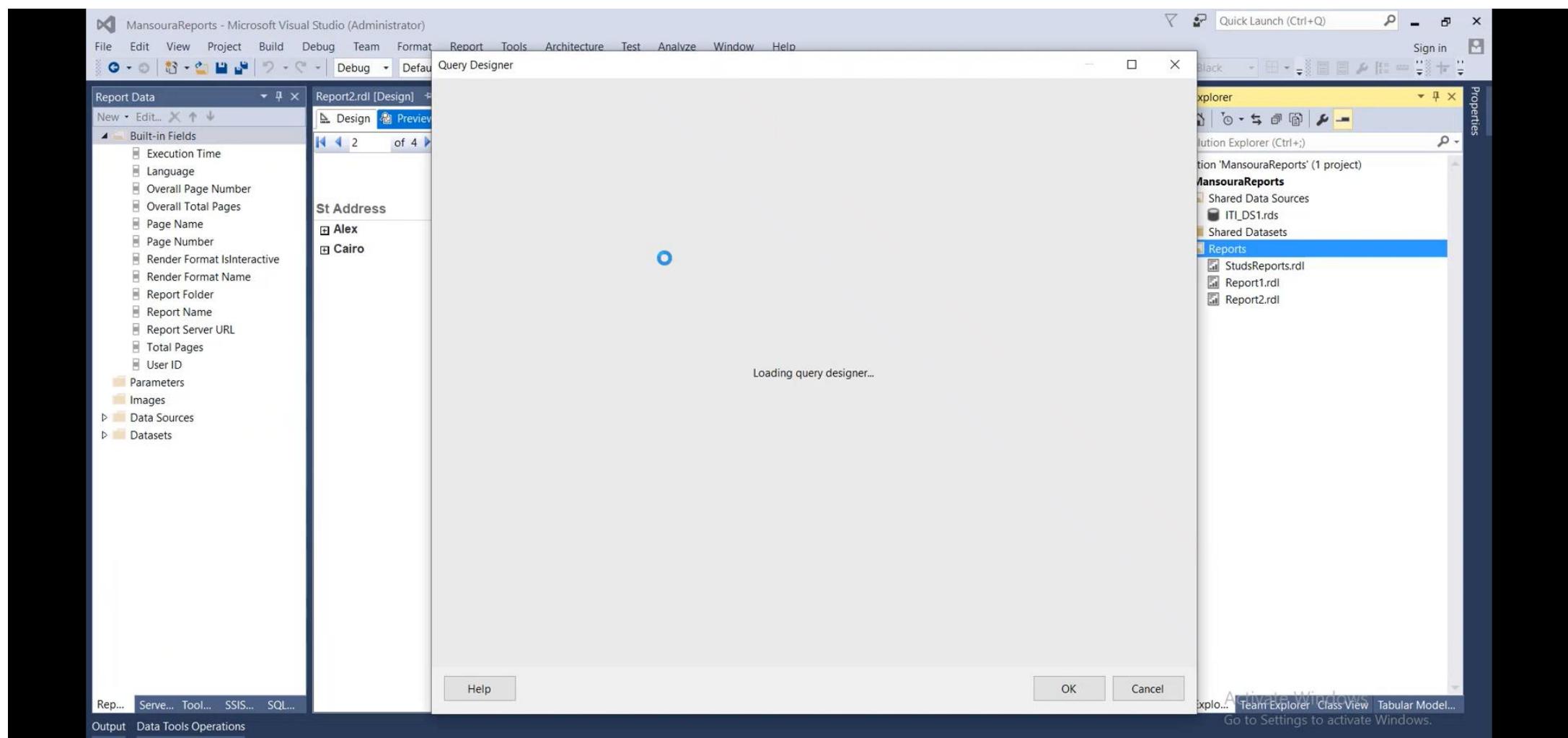
- Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
- Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl

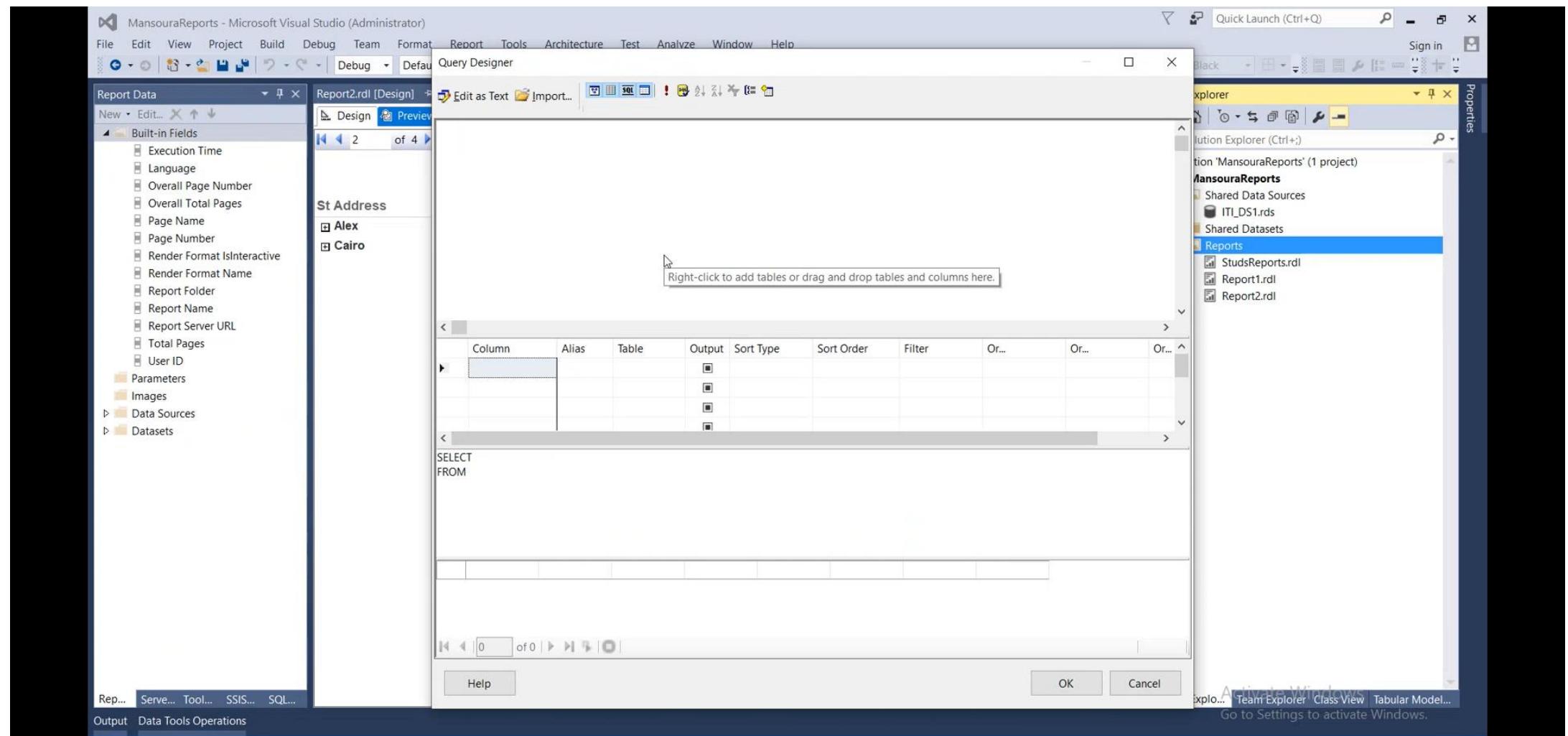
Properties

Activate Windows

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

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





MansouraReports - Microsoft Visual Studio (Administrator)

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 application is 'Microsoft Visual Studio (Administrator)'. The menu bar includes File, Edit, View, Insert, Tools, Report, Analyze, Window, and Help. The toolbar has icons for New, Open, Save, Print, and Run. The left sidebar shows the 'Report Data' pane with 'Report2.rdl [Design]' selected, and a list of built-in fields like Execution Time, Language, Overall Page Number, etc. A 'Report Explorer' window is open, showing the project structure: 'MansouraReports' > 'Reports' > 'Report2.rdl'. The main workspace displays the 'Edit as Text' dialog for a report item. Inside the dialog, there is a table with one row and two columns. The first column contains the parameter name 'St Address' and the second column contains two values: 'Alex' and 'Cairo'. The 'Properties' window on the right shows the report is part of the 'MansouraReports' project under the 'Reports' folder. The status bar at the bottom includes links for 'Rep...', 'Serve...', 'Tool...', 'SSIS...', 'SQL...', 'Output', 'Data Tools Operations', and activation information for Windows.

Report Data

Report2.rdl [Design]

Report Explorer

Properties

Execution Explorer (Ctrl+Shift+E)

Team Explorer

Class View

Tabular Model...

Help

OK

Cancel

Activate Windows

Report2.rdl

Report1.rdl

StudsReports.rdl

Alex

Cairo

St Address

Execution Time

Language

Overall Page Number

Overall Total Pages

Page Name

Page Number

Render Format IsInteractive

Render Format Name

Report Folder

Report Name

Report Server URL

Total Pages

User ID

Parameters

Images

Data Sources

Datasets

Report2.rdl

Report1.rdl

StudsReports.rdl

Reports

ITI_DS1.rds

Shared Datasets

MansouraReports

Shared Data Sources

StudsReports.rdl

Report1.rdl

Report2.rdl

Help

OK

Cancel

Activate Windows

Team Explorer

Class View

Tabular Model...

Go to Settings to activate Windows.



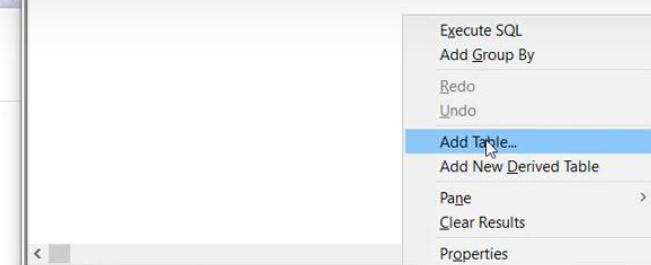


3-SQL Server Reporting Service SSRS.



- Report Data
- New Edit... X
- Built-in Fields
 - Execution Time
 - Language
 - Overall Page Number
 - Overall Total Pages
 - Page Name
 - Page Number
 - Render Format IsInteractive
 - Render Format Name
 - Report Folder
 - Report Name
 - Report Server URL
 - Total Pages
 - User ID
- Parameters
- Images
- Data Sources
- Datasets

St Address
■ Alex
■ Cairo



Column	Alias	Table	Output	Sort Type	Sort Order	Filter	Or...	Or...	Or...

SELECT
FROM

Help

OK

Cancel

xplore... Team Explorer Class View Tabular Model...

Go to Settings to activate Windows.

↑ Publish

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

Output Data Tools Operations

This item does not support previewing

File Project Tools Analyze Window Help

Solution Explorer (Ctrl+;) Solution 'MansouraReports' (1 project)

MansouraReports

Shared Data Sources

ITI_DS1.rds

Shared Datasets

Reports

StudsReports.rdl

Report1.rdl

Report2.rdl

Properties



3-SQL Server Reporting Service-SSRS.

- Report Data
- New Edit... X X
- Built-in Fields
 - Execution Time
 - Language
 - Overall Page Number
 - Overall Total Pages
 - Page Name
 - Page Number
 - Render Format IsInteractive
 - Render Format Name
 - Report Folder
 - Report Name
 - Report Server URL
 - Total Pages
 - User ID
- Parameters
- Images
- Data Sources
- Datasets

Report2.rdl [Design] Edit as Text Import...

Design Preview

2 of 4

St Address

- Alex
- Cairo

Add Table ? X

Tables Views Functions Synonyms

Course

Department

Ins_Course

Instructor

sales

Stud_Course

Student

Topic

Column Alias

>

<

SELECT

FROM

Refresh

Add

Close

Or... Or... Or...

>

>

OK

Cancel

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

Output Data Tools Operations

This item does not support previewing

Quick Launch (Ctrl+Q) Sign In

File View Insert Reports Report Designer Analyze Window Help

Design Preview

Report2.rdl [Design] Edit as Text Import...

2 of 4

St Address

Alex Cairo

Add Table

Tables Views Functions Synonyms

Course Department Ins_Course Instructor sales Stud_Course Student Topic

Column Alias

> < SELECT FROM

Refresh Add Close

Or... Or... Or...

Or... Or... Or...

Or... Or... Or...

OK Cancel

File Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

MansouraReports

- Shared Data Sources
 - ITI_DS1.rds
- Shared Datasets
- Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl

Properties

Help

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

Output Data Tools Operations

This item does not support previewing

Activate Windows Go to Settings to activate Windows.

Team Explorer Class View Tabular Model...

↑ Publish



≡



3-SQL Server Reporting Service-SSRS.

- New Edit... X
- Built-in Fields
 - Execution Time
 - Language
 - Overall Page Number
 - Overall Total Pages
 - Page Name
 - Page Number
 - Render Format IsInteractive
 - Render Format Name
 - Report Folder
 - Report Name
 - Report Server URL
 - Total Pages
 - User ID
- Parameters
- Images
- Data Sources
 - ITI_DS1.rds
- Datasets
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl

Report Data

Report2.rdl [Design]

Edit as Text Import...

Design Preview

2 of 4

St Address

Alex

Cairo

Add Table

Tables Views Functions Synonyms

Course Department Ins_Course Instructor sales Stud_Course Student Topic

Column	Alias

Refresh Add Close

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

Output Data Tools Operations

This item does not support previewing

Solution Explorer

File

Edit

View

Toolbars

Help

Properties

Task List

Toolbox

Task List

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data

- New
- Edit...
- Import...
- Built-in Fields
 - Execution Time
 - Language
 - Overall Page Number
 - Overall Total Pages
 - Page Name
 - Page Number
 - Render Format IsInteractive
 - Render Format Name
 - Report Folder
 - Report Name
 - Report Server URL
 - Total Pages
 - User ID
- Parameters
- Images
- Data Sources
- Datasets

2

of 4

St Address

Alex

Cairo

Course
<input type="checkbox"/> * (All Columns)
<input type="checkbox"/> Crs_Id
<input type="checkbox"/> Crs_Name
<input type="checkbox"/> Crs_Duration
<input type="checkbox"/> Top_Id

Stud_Course
<input type="checkbox"/> * (All Columns)
<input type="checkbox"/> Crs_Id
<input type="checkbox"/> St_Id
<input type="checkbox"/> Grade

Student
<input type="checkbox"/> * (All Columns)
<input type="checkbox"/> St_Id
<input type="checkbox"/> St_Fname
<input type="checkbox"/> St_Lname
<input type="checkbox"/> St_Address

Column	Alias	Table	Output	Sort Type	Sort Order	Filter	Or...	Or...	Or...

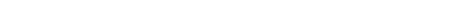
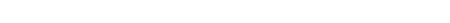
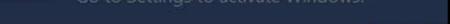
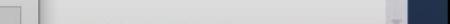
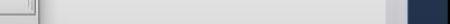
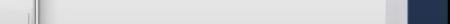
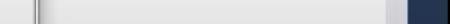
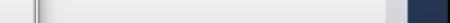
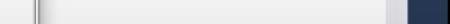
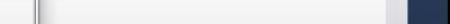
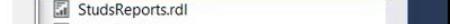
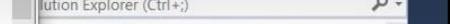
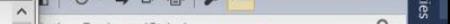
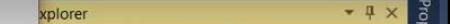
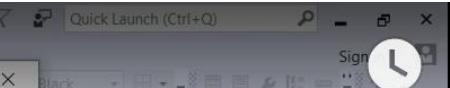
```
SELECT
FROM Course INNER JOIN
      Stud_Course ON Course.Crs_Id = Stud_Course.Crs_Id INNER JOIN
      Student ON Stud_Course.St_Id = Student.St_Id
```

0

of 0

Help

OK Cancel



MansouraReports - Microsoft Visual Studio (Administrator)

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 'Report2.rdl'.

Report Data View: Shows three data sources: 'Course', 'Stud_Course', and 'Student'. The 'Course' data source has fields: * (All Columns), Crs_Id, Crs_Name, Crs_Duration. The 'Stud_Course' data source has fields: * (All Columns), Crs_Id, St_Id, Grade. The 'Student' data source has fields: * (All Columns), St_Id, St_Fname, St_Lname, St_Address.

Report Structure View: A parameter named 'St Address' is defined with two options: 'Alex' and 'Cairo'.

Report Definition View: The report definition is based on the following SQL query:

```
SELECT
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
```

Properties View: Shows the properties of the current report item.

Solution Explorer: Displays the project structure for 'MansouraReports' with files: ITI_DS1.rds, Report1.rdl, and Report2.rdl.

Toolbars: Standard Visual Studio toolbars for File, Edit, View, Insert, Tools, Analyze, Window, Help, and a Quick Launch bar.

Bottom Bar: Includes buttons for Report, Serve..., Tool..., SSIS..., SQL..., Output, Data Tools Operations, Help, OK, Cancel, and Publish.

MansouraReports - Microsoft Visual Studio (Administrator)

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 'Report2.rdl' in Design view. The report structure is visualized with three tables: 'Course', 'Stud_Course', and 'Student'. A many-to-many relationship is shown between 'Course' and 'Student' via the 'Stud_Course' junction table. The 'Course' table has columns: Crs_Id, Crs_Name, Crs_Duration, and Top_Id. The 'Student' table has columns: St_Id, St_Fname, St_Lname, and St_Address. The 'Stud_Course' table has columns: Crs_Id and St_Id. A filter is applied to the 'Grade' column in the 'Stud_Course' table, setting it to greater than or equal to 50. Below the visual representation is the corresponding SQL 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)
```

The Solution Explorer on the right shows the project 'MansouraReports' containing 'ITI_DS1.rds', 'Shared Datasets', and 'Reports'. The 'Reports' folder is selected, showing 'StudsReports.rdl', 'Report1.rdl', and 'Report2.rdl'. The status bar at the bottom indicates 'Activated Windows' and provides links to Team Explorer, Class View, Tabular Model..., and Go to Settings to activate Windows.

3-SQL Server Reporting Service SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data Report2.rdl [Design] Edit as Text Import... Design Preview

St Address
Alex Cairo

Course
* (All Columns)
Crs_Id
Crs_Name
Crs_Duration
Top_Id

Stud_Course
* (All Columns)
Crs_Id
St_Id
Grade

Student
* (All Columns)
St_Id
St_Fname
St_Lname
St_Address

Column Alias Table Output Sort Type Sort Order Filter Or... Or... Or...
Crs_Name Course Ascending 1 >= 50
Grade Stud_Course

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)
ORDER BY Course.Crs_Name

Help OK Cancel

Output Data Tools Operations

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

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

Published

Report2.rdl

StudsReports.rdl

Report1.rdl

Report2.rdl

Properties

Sign In

Quick Launch (Ctrl+Q)

File Edit View Insert Tools Analyze Window Help

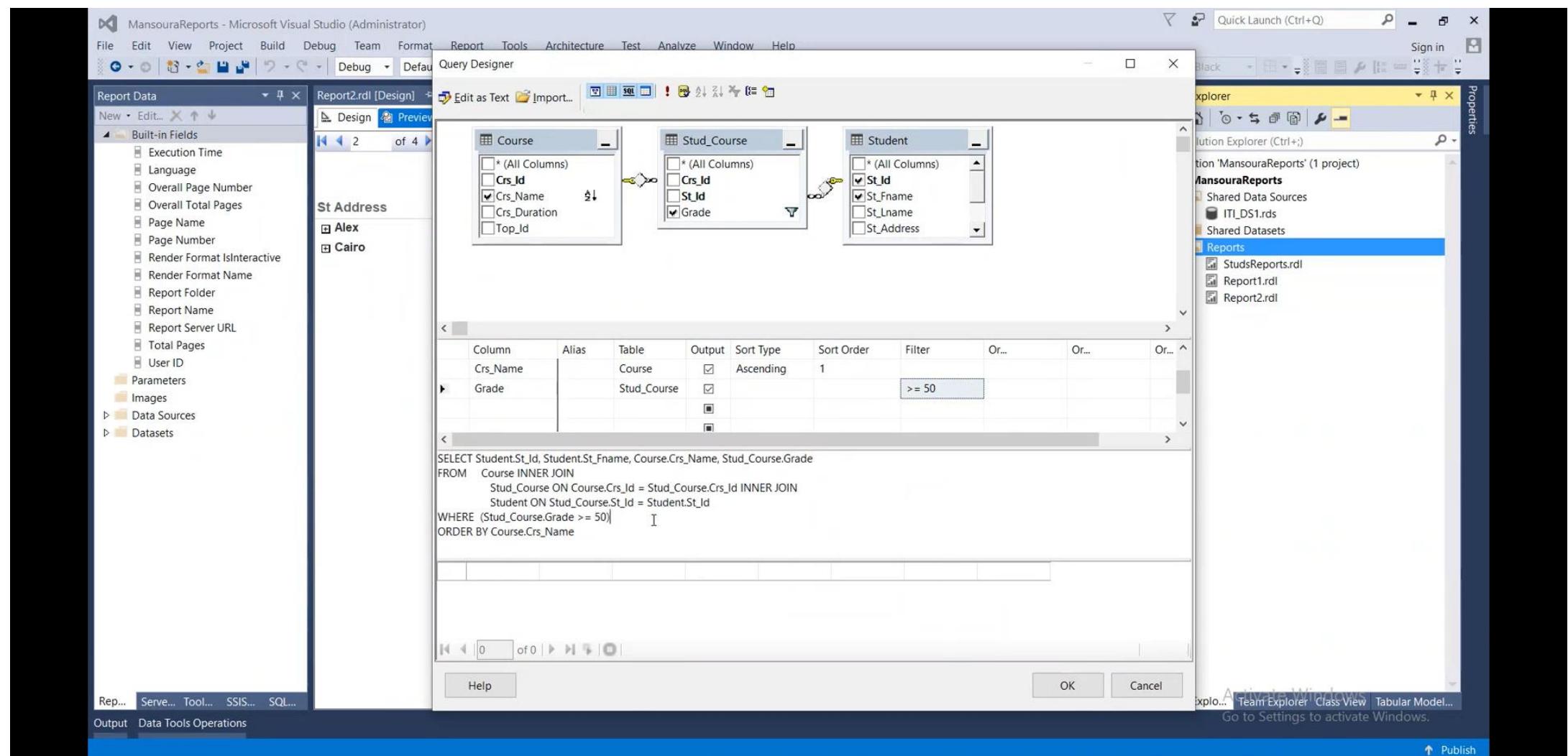
StudsReports

Shared Data Sources ITI_DS1.rds

Shared Datasets

Reports

3-SQL Server Reporting Service SSRS.



3-SQL Server Reporting Service SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data Report2.rdl [Design] Edit as Text Import... Design Preview

Report Data

Built-in Fields

- Execution Time
- Language
- Overall Page Number
- Overall Total Pages
- Page Name
- Page Number
- Render Format IsInteractive
- Render Format Name
- Report Folder
- Report Name
- Report Server URL
- Total Pages
- User ID
- Parameters
- Images
- Data Sources
- Datasets

St Address

- Alex
- Cairo

Course

- * (All Columns)
- Crs_Id
- Crs_Name
- Crs_Duration
- Top_Id

Stud_Course

- * (All Columns)
- Crs_Id
- St_Id
- Grade

Student

- * (All Columns)
- St_Id
- St_Fname
- St_Lname
- St_Address

Execute SQL

Add Group By

Redo

Undo

Add Table...

Add New Derived Table

Pane

Clear Results

Properties

Column Alias Table Output So
Crs_Name Course Crs_Name As
Grade Stud_Course Grade As

```
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)
ORDER BY Course.Crs_Name
```

OK Cancel

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

Output Data Tools Operations

Quick Launch (Ctrl+Q) Sign In

Solution Explorer (Ctrl+) MansouraReports Shared Data Sources ITI_DS1.rds Shared Datasets Reports StudsReports.rdl Report1.rdl Report2.rdl

Properties

Archived 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 Report2.rdl [Design] Report1.rdl [Design] StudsReports.rdl [Design]

Quick Launch (Ctrl+Q) Sign in

Report Wizard

Design the Query

Specify a query to execute to get the data for the report.

St Address St Id St I

Alex	2
Cairo	3

Query Builder...

Query string:

```
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)  
ORDER BY Course.Crs_Name
```

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

Properties

Activate Windows

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

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

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 Wizard, specifically the 'Design the Query' step. The 'Report Data' pane on the left lists various built-in fields and report items. The central area shows a preview of a table with columns 'St Address', 'St Id', and 'St Name', containing two rows: 'Alex' and 'Cairo'. Below the preview is a 'Query Builder...' button. The 'Query string:' text area contains the following SQL 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)  
ORDER BY Course.Crs_Name
```

The Solution Explorer on the right shows the project structure for 'MansouraReports' with files like 'ITI_DS1.rds', 'Shared Datasets', 'Report1.rdl', and 'Report2.rdl'. The 'Reports' folder is selected. The bottom status bar indicates 'Activate Windows' and 'Go to Settings to activate Windows.'

3-SQL Server Reporting Service-SSRS.

The screenshot shows the Microsoft Visual Studio interface for creating a SQL Server Reporting Services (SSRS) report. The main window displays the 'Report Wizard' dialog, specifically the 'Select the Report Type' step. The 'Tabular' option is selected, and a preview window shows a tabular report structure with data from a table named 'StAddress'. The table has columns 'St Address', 'St Id', and 'St Name'. Two rows are visible: one for 'Alex' (St Id 2) and one for 'Cairo' (St Id 3). The 'Matrix' option is also available. The 'Report Wizard' dialog includes buttons for 'Help', '< Back', 'Next >', 'Finish >>', and 'Cancel'. In the background, the Solution Explorer shows a project named 'MansouraReports' containing files like 'ITI_DS1.rds', 'Shared Datasets', and 'Reports' which includes 'StudsReports.rdl', 'Report1.rdl', and 'Report2.rdl'. The 'Properties' window is also visible on the right side of the interface.

3-SQL Server Reporting Service-SSRS.

The screenshot shows the Microsoft Visual Studio interface for creating a SQL Server Reporting Services (SSRS) report. The main window displays the 'Report Wizard' dialog, specifically the 'Select the Report Type' step. The 'Tabular' option is selected, and a preview window shows a tabular report structure with data from a table named 'StAddress'. The table has columns 'St Address', 'St Id', and 'St Name'. Two rows are visible: one for 'Alex' (St Id 2) and one for 'Cairo' (St Id 3). The 'Matrix' option is also available. The 'Report Wizard' dialog includes buttons for 'Help', '< Back', 'Next >', 'Finish >>', and 'Cancel'. In the background, the Solution Explorer shows a project named 'MansouraReports' containing files like 'StudsReports.rdl', 'Report1.rdl', and 'Report2.rdl'. The 'Report Data' tool window on the left lists various built-in fields and parameters. The status bar at the bottom indicates 'Active Windows' and provides links to 'Team Explorer', 'Class View', and 'Tabular Model...'. A watermark for 'Go to Settings to activate Windows.' is present in the bottom right corner.

MansouraReports - Microsoft Visual Studio (Administrator)

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

Report Data Report2.rdl [Design] Report1.rdl [Design] StudsReports.rdl [Design]

Quick Launch (Ctrl+Q) Sign in

Report Wizard

Design the Table

Choose how to group the data in the table.

Available fields:

St Address	St Id	St I
Alex	2	
Cairo	3	

Displayed fields:

Grade
Page>
Group>
Details>
< Remove

St_Id
St_Fname
Crs_Name

Solid Black 1 pt

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

Properties

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

Activate Windows 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 window displays the 'Report Wizard' for 'Report2.rdl'. The current step is 'Design the Table', which asks the user to choose how to group the data in the table. On the left, the 'Report Data' pane lists various fields under 'Built-in Fields' and other categories like 'Parameters' and 'Images'. In the center, the 'Report Wizard' interface shows a preview of a table with columns 'St Address', 'St Id', and 'St I'. The 'Available fields' section contains 'Grade'. The 'Displayed fields' section contains 'Page>', 'Group>', 'Details>' (which is highlighted in blue), and '< Remove'. Below these are 'St_Id', 'St_Fname', and 'Crs_Name'. On the right, the 'Solution Explorer' pane shows the project structure: 'MansouraReports' (1 project) containing 'Shared Data Sources' (ITI_DS1.rds, Shared Datasets), 'Reports' (StudsReports.rdl, Report1.rdl, Report2.rdl), and 'Properties'. The 'Properties' pane is also visible on the far right. The bottom of the screen shows the Visual Studio ribbon and some status text about activating the window.

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 Wizard' titled 'Design the Table'. The 'Available fields' pane on the left lists fields such as St_Address, St_Id, St_Ln, St_City, St_Province, St_PostalCode, St_Country, St_Fname, Crs_Name, Grade, and St_MiddleName. The 'Displayed fields' pane on the right shows a table structure with three rows, each containing four columns labeled 'XXXX', 'XXXX', 'XXXX', and 'XXXX'. Below the panes are buttons for 'Page>', 'Group>', 'Details>', and '< Remove'. At the bottom are buttons for 'Help', '< Back', 'Next >', 'Finish >>', and 'Cancel'. The 'Solution Explorer' panel on the right shows a project named 'MansouraReports' with files like 'ITI_DS1.rds', 'Shared Datasets', 'Reports' (containing 'StudsReports.rdl', 'Report1.rdl', and 'Report2.rdl'), and 'StudsReports.rdl'. The 'Properties' panel is also visible on the far right. The status bar at the bottom includes links for 'Activate Windows', 'Solution Explorer', 'Team Explorer', 'Class View', 'Tabular Model...', and 'Go to Settings to activate Windows.'

3-SQL Server Reporting Service SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data Report2.rdl [Design] Report1.rdl [Design] StudsReports.rdl [Design]

Report Wizard

Completing the Wizard

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

Report name: Report3

Report summary:

Data source: ITI_DS1

Connection string:

Report type: Table

Layout type: Stepped

Style: Modern

Details: St_Id, St_Fname, Crs_Name, Grade

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)  
ORDER BY Course.Crs_Name
```

Preview report

Help < Back Next > **Finish** Cancel

Solution Explorer

Search Solution Explorer (Ctrl+Shift+F)

Solution 'MansouraReports' (1 project)

MansouraReports

- Shared Data Sources
- ITI_DS1.rds
- Shared Datasets

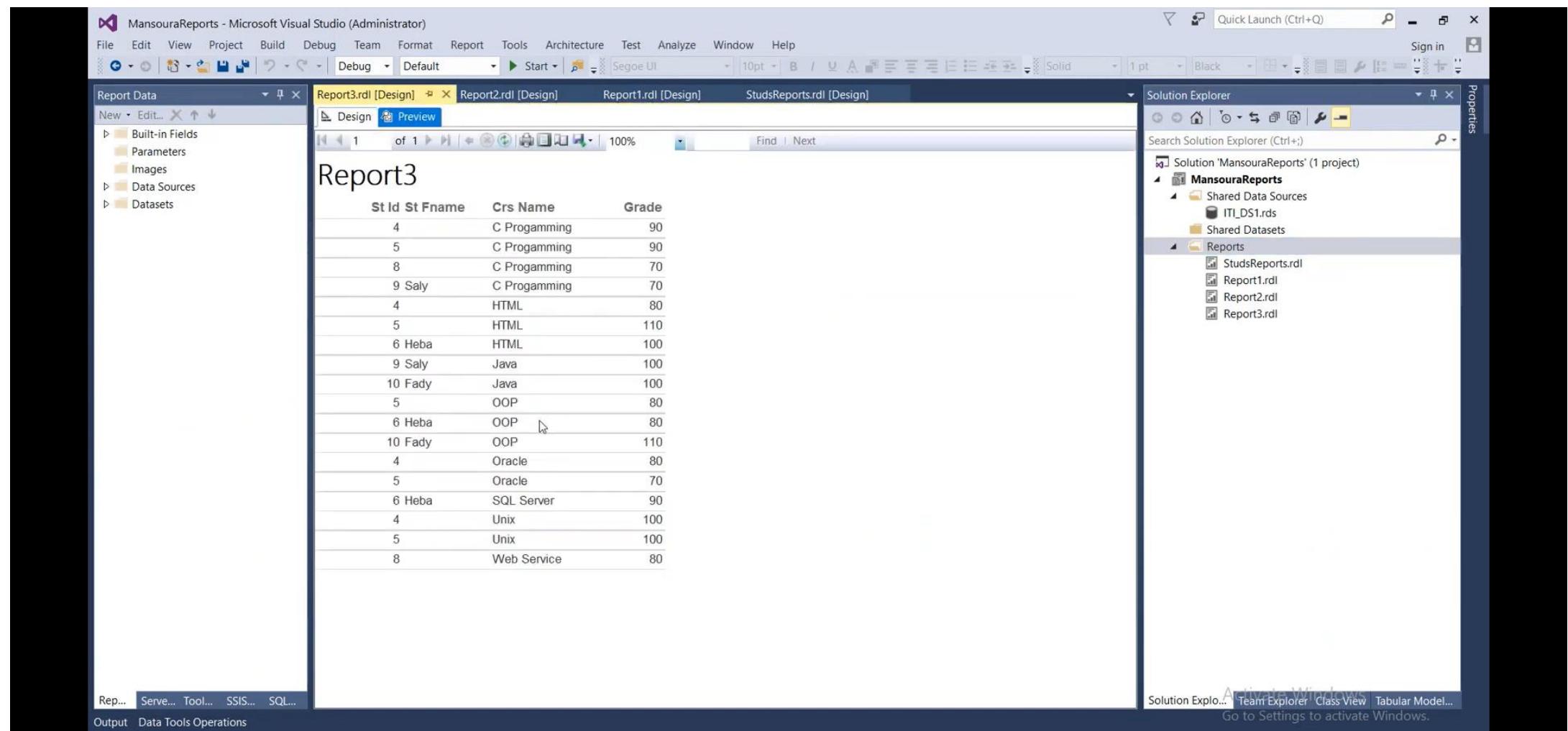
Reports

- StudsReports.rdl
- Report1.rdl
- Report2.rdl

Properties

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

Apply to 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

Debug Default Start Segoe UI 10pt B A Solid 1 pt Black

Report Data New Edit... X

Report3.rdl [Design] X Report2.rdl [Design] Report1.rdl [Design]

StudsReports.rdl [Design]

Design Preview

1 of 1 Find | Next

Report3

St Id	St Fname	Crs Name	Grade
4		C Progammimg	90
5		C Progammimg	90
8		C Progammimg	70
9	Saly	C Progammimg	70
4		HTML	80
5		HTML	110
6	Heba	HTML	100
9	Saly	Java	100
10	Fady	Java	100
5		OOP	80
6	Heba	OOP	80
10	Fady	OOP	110
4		Oracle	80
5		Oracle	70
6	Heba	SQL Server	90
4		Unix	100
5		Unix	100
8		Web Service	80

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

Output 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

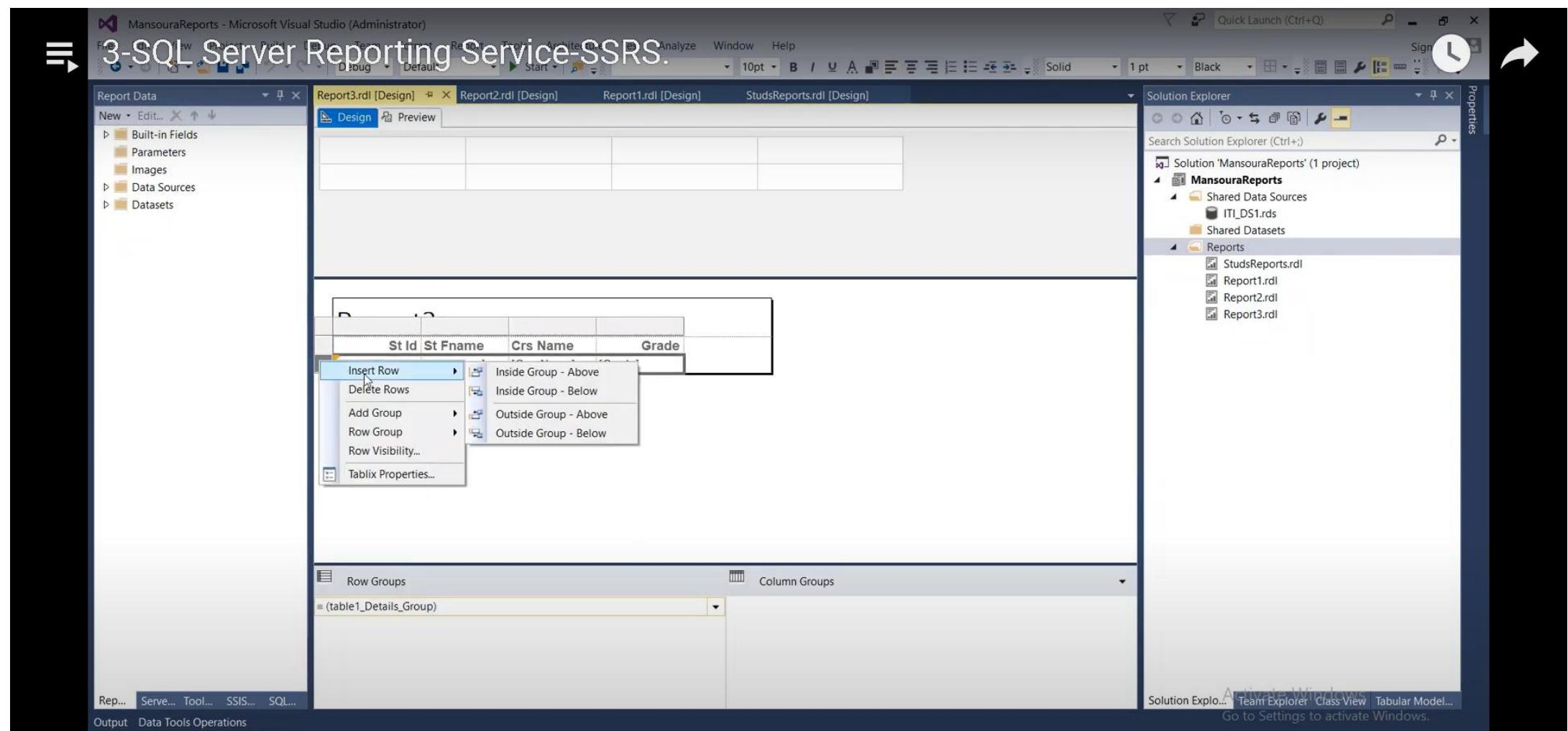
Report2.rdl

Report3.rdl

Properties

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

Go to Settings to activate Windows.





3-SQL Server Reporting Service SSRS.

- New
- Edit...
- Parameters
- Images
- Data Sources
- Datasets

Report Data

Report3.rdl [Design] Report2.rdl [Design] Report1.rdl [Design] StudsReports.rdl [Design]

Design Preview

St Id	St Fname	Crs Name	Grade
1	John	Math	A

Insert Row

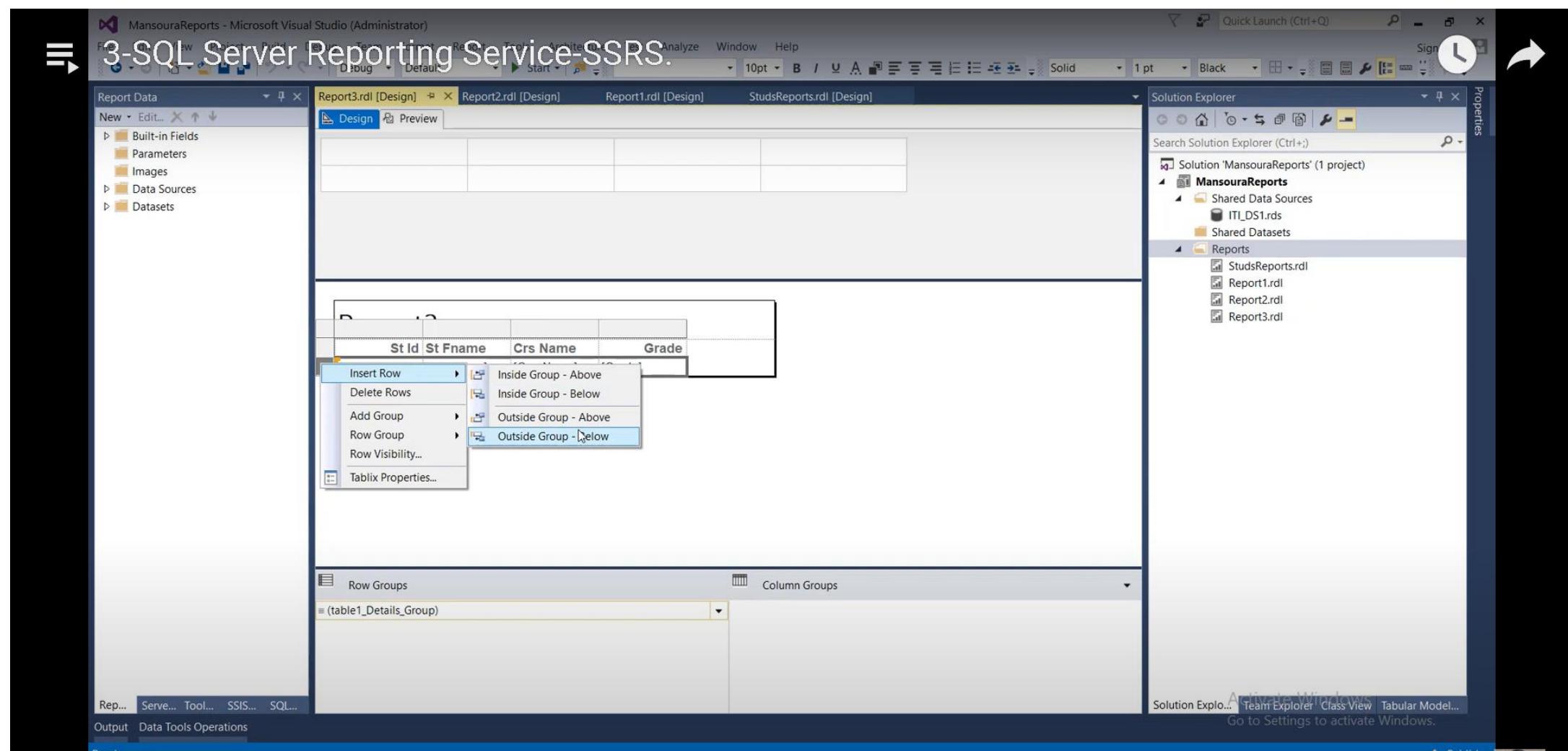
- Inside Group - Above
- Inside Group - Below
- Outside Group - Above
- Outside Group - Below

Row Groups
= (table1_Details_Group)

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
 - Report3.rdl

Activate Windows
Go to Settings to activate Windows.



MansouraReports - Microsoft Visual Studio (Administrator)

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 Data' pane on the left, showing report items like 'Report3.rdl [Design]*', 'Report2.rdl [Design]', 'Report1.rdl [Design]', and 'StudsReports.rdl [Design]'. The central workspace shows a 'Design' view of a report containing a table with columns 'St_Id', 'St_Fname', 'Crs_Name', and 'Grade'. A context menu is open over the first row of the table, with the 'Expression...' option highlighted. The 'Solution Explorer' pane on the right lists the solution 'MansouraReports' with its projects, shared data sources, and datasets. The 'Properties' pane is visible on the far right. The bottom navigation bar includes links for 'Rep...', 'Serve...', 'Tool...', 'SSIS...', 'SQL...', 'Output', and 'Data Tools Operations'.

Report Data

Report3.rdl [Design]* Report2.rdl [Design] Report1.rdl [Design] StudsReports.rdl [Design]

Design Preview

Report Data

New Edit...

Built-in Fields Parameters Images Data Sources Datasets

St Id St Fname Crs Name Grade

[St_Id] [St_Fname] [Crs_Name] [Grade]

Text Box

- Cut
- Copy
- Paste
- Delete
- Select
- Expression...
- Text Box Properties...

Tablix

- Row Group
- (table1_Details)
- Insert Column
- Insert Row
- Delete Columns
- Delete Rows
- Add Group
- Add Total
- Insert

Column Groups

Solution Explorer

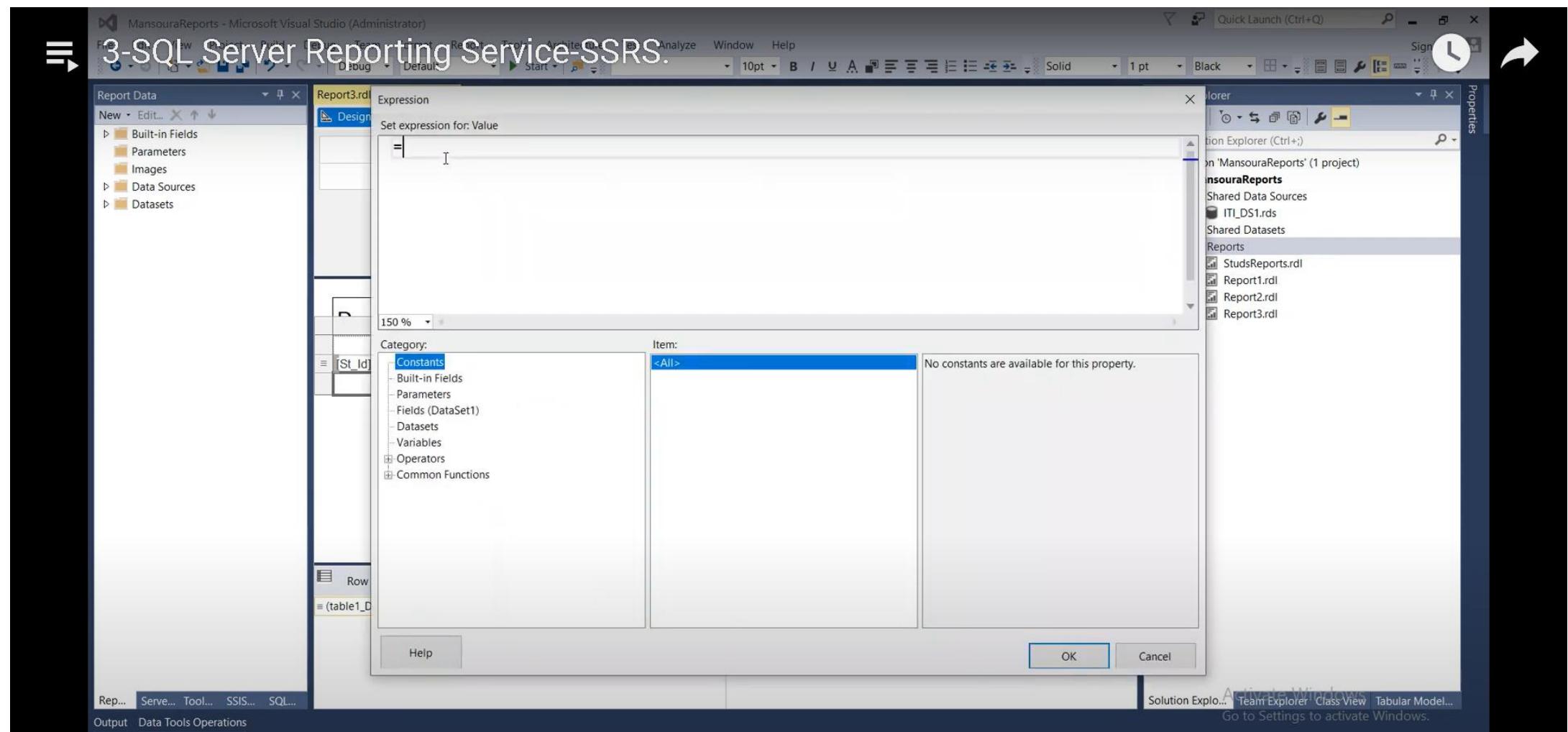
Search Solution Explorer (Ctrl+.)

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

Properties

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

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





3-SQL Server Reporting Service-SSRS.

Report Data

New Edit... X

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

Report3.rdl [Design] X Report2.rdl [Design]

Report1.rdl [Design]

StudsReports.rdl [Design]

Design Preview

--	--	--	--

St Id	St Fname	Crs Name	Grade
[St_Id]	[St_Fname]	[Crs_Name]	[Grade]
«Expr»			

Row Groups

= (table1_Details_Group)

Column Groups

Solution

Properties

Search Solution

Solution

Properties

Alignment
Padding 2pt, 2pt, 2pt, 2pt
SpaceAfter
SpaceBefore
Indent
TextAlign Default
VerticalAlign Default

Border
BorderColor LightGrey
BorderStyle None, , Solid
BorderWidth 1pt

Data Only
DataElementName
DataElementOutput Auto
DataElementStyle Auto

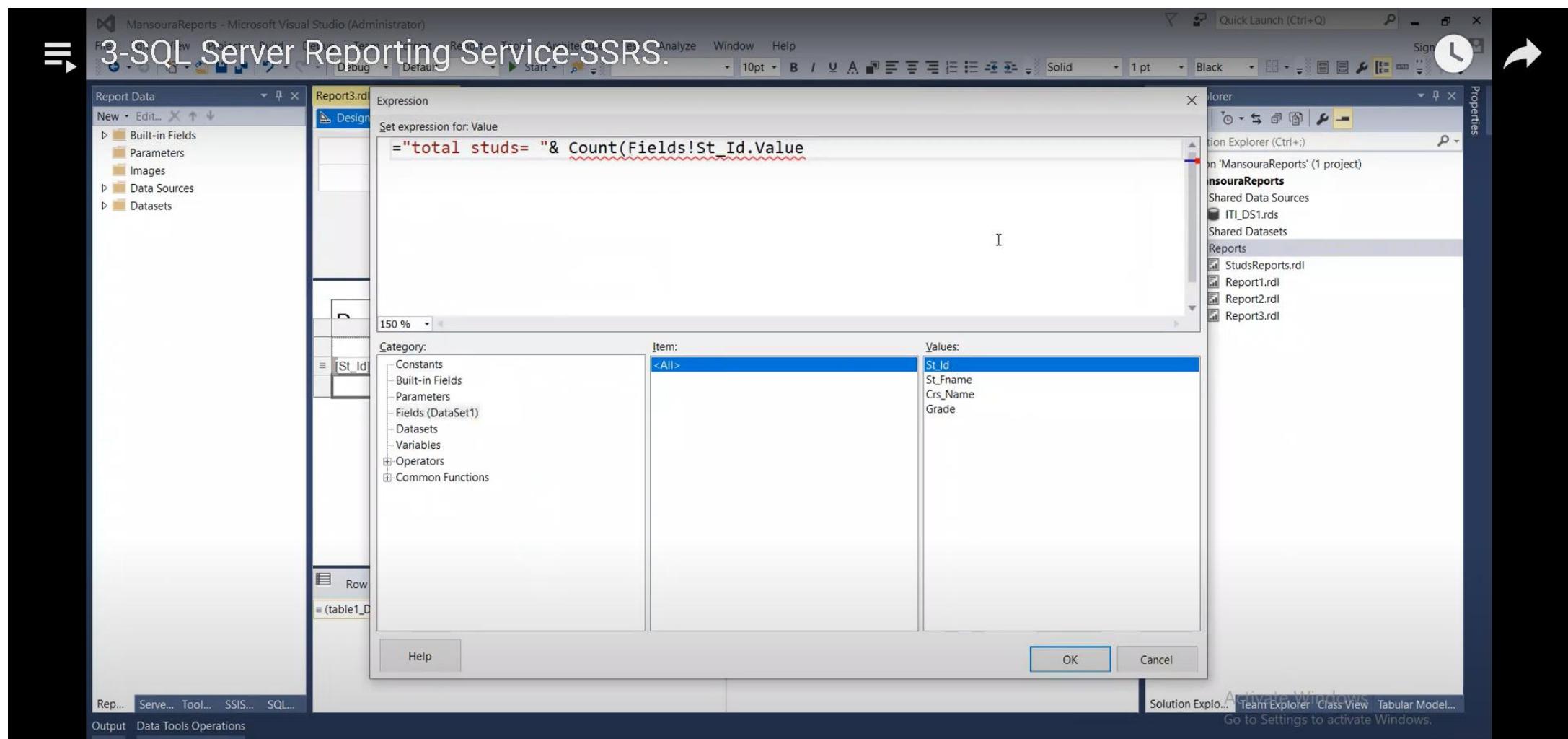
Fill
BackgroundColor No Color
BackgroundImage
Font
Color
LineHeight
Font
General
CanGrow
CanShrink
ToolTip
Lists
ListLevel
ListStyle
Localization
Calendar
BackgroundColor
Specifies the background color of the item.

More colors... Expression... Note

Solution

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

3-SQL Server Reporting Service SSRS.





3-SQL Server Reporting Service-SSRS.

Report Data New Edit... Design

Set expression for: Value
="total stud= "& count(Fields!St_Id.Value)

Category: Item: Values:

- Constants
- Built-in Fields
- Parameters
- Fields (DataSet1)
- Datasets
- Variables
- + Operators
- + Common Functions

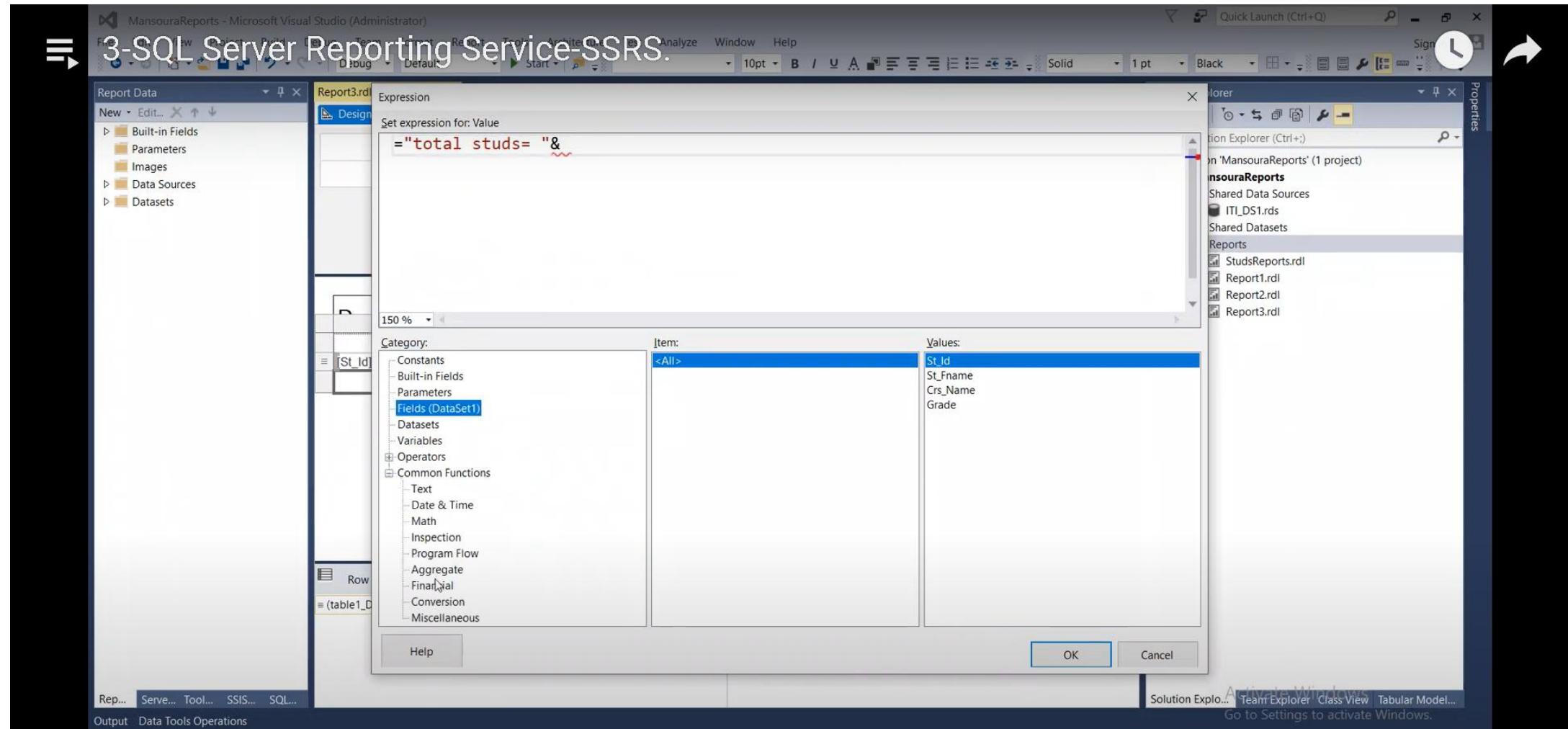
Item:	Values:
<All>	St_Id St_Fname Crs_Name Grade

Help OK Cancel

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

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

3- SQL Server Reporting Service-SSRS



MansouraReports - Microsoft Visual Studio (Administrator)

3-SQL Server Reporting Service-SSRS.

Report Data

New Edit... Design

Report3.rdl

Expression

Set expression for: Value

= "total studs= "&

Category:

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

Item:

- Avg
- Count
- CountDistinct
- CountRows**
- First
- Last
- Max
- Min
- StDev
- StDevP
- Sum
- Var
- VarP
- RunningValue
- Aggregate

Description

Returns a count of rows within the specified scope.

Example

=CountRows()
=CountRows("GroupByInitial")
=CountRows("GroupByInitial",Recursive)

OK Cancel

150 %

St_Id

Row

(table1_D

Help

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

Output Data Tools Operations

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

Quick Launch (Ctrl+Q) Sign In

File Edit View Insert Tools Analyze Window Help

10pt B I U A Solid 1 pt Black

Properties



3-SQL Server Reporting Service SSRS.

Report Data

New Edit... X

Report3.rdl Design

Expression

Set expression for: Value

```
= "total studs= "& CountRows()
```

Category:

- Constants
- Built-in Fields
- Parameters
- Fields (DataSet1)
- Datasets
- Variables
- Operators
- Common Functions
 - Text
 - Date & Time
 - Math
 - Inspection
 - Program Flow
 - Aggregate
 - Financial
 - Conversion
 - Miscellaneous

Item:

- Avg
- Count
- CountDistinct
- CountRows**
- First
- Last
- Max
- Min
- StDev
- StDevP
- Sum
- Var
- VarP
- RunningValue
- Aggregate

Description

Returns a count of rows within the specified scope.

Example

```
=CountRows()  
=CountRows("GroupByInitial")  
=CountRows("GroupByInitial",Recursive)
```

OK Cancel

Solution Explorer (Ctrl+Alt+E) MansouraReports (1 project)
MansouraReports
Shared Data Sources
ITI_DS1.rds
Shared Datasets
Reports
StudsReports.rdl
Report1.rdl
Report2.rdl
Report3.rdl

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

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

MansouraReports - Microsoft Visual Studio (Administrator)

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 design view of Report3.rdl, showing a table with student data:

St Id	St Fname	Crs Name	Grade
4		C Progammimg	90
5		C Progammimg	90
8		C Progammimg	70
9	Saly	C Progammimg	70
4		HTML	80
5		HTML	110
6	Heba	HTML	100
9	Saly	Java	100
10	Fady	Java	100
5		OOP	80
6	Heba	OOP	80
10	Fady	OOP	110
4		Oracle	80
5		Oracle	70
6	Heba	SQL Server	90
4		Unix	100
5		Unix	100
8		Web Service	80

A total student count of 18 is displayed at the bottom of the report.

The Solution Explorer on the right shows the project structure:

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

MansouraReports - Microsoft Visual Studio (Administrator)

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 'Report3.rdl [Design]' tab, showing a report layout with a table control containing four columns: St_Id, St_Fname, Crs_Name, and Grade. The first column, St_Id, is bound to the dataset field [St_Id]. The second column, St_Fname, is bound to [St_Fname]. The third column, Crs_Name, is bound to [Crs_Name]. The fourth column, Grade, is bound to [Grade]. Below the table, the 'Row Groups' pane shows a single group named '(table1_Details_Group)'.

The Solution Explorer on the right lists the solution 'MansouraReports' with its projects and files:

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

Solution Explorer

Report Data

Report3.rdl [Design] Report2.rdl [Design] Report1.rdl [Design] StudsReports.rdl [Design]

Design Preview

New Edit... X Y

Built-in Fields
Parameters
Images
Data Sources
Datasets

St Id St Fname Crs Name Grade

[St_Id] [St_Fname] [Crs_Name] [Grade]
«Expr»

F4

Row Groups Column Groups

= (table1_Details_Group)

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

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

Properties

Screenshot of the Microsoft SQL Server Data Tools (SSDT) interface showing the Report Designer.

The top menu bar shows the following tabs: Report Data, Report3.rdl [Design], Report2.rdl [Design], Report1.rdl [Design], and StudsReports.rdl [Design].

The left sidebar contains the following sections:

- New
- Edit...
- Search
- Built-in Fields
- Parameters
- Images
- Data Sources
- Datasets

The main workspace displays a report design with a table structure. The table has four columns labeled St Id, St Fname, Crs Name, and Grade. The first row contains data fields: [St_Id], [St_Fname], [Crs_Name], and [Grade]. The second row contains an expression: «Expr».

The bottom-left pane shows the Row Groups and Column Groups sections, with the Row Groups section currently active, displaying the group name: =(table1_Details_Group).

The Properties pane on the right is open, showing the following settings for the selected element:

- Alignment: Padding 2pt, 2pt, 2pt, 2pt
- Border:
 - BorderColor: LightGrey
 - BorderStyle: None, , Solid
 - BorderWidth: 1pt
- Data Only:
 - DataElementName
 - DataElementOutput: Auto
 - DataElementStyle: Auto
- Fill:
 - BackgroundColor: No Color
 - BackgroundImage
- Font:
 - Color: #333333
 - LineHeight
 - Font
- General:
 - CanGrow
 - CanShrink
 - ToolTip
- Lists:
 - ListLevel
 - ListStyle
- Localization:
 - Calendar
 - Specifies the color of the text

A color picker is open, showing a dark gray color (#333333) selected. The status bar at the bottom right of the interface says "Activate Windows" and "Go to Settings to activate Windows".



3-SQL Server Reporting Service-SSRS.

- New
 - Edit...
 - New...
 - Up
 - Down
- Built-in Fields
 - Parameters
 - Images
 - Data Sources
 - Datasets

St Id	St Fname	Crs Name	Grade
[St_Id]	[St_Fname]	[Crs_Name]	[Grade]
«Expr»			

Row Groups
= (table1_Details_Group)

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

Output Data Tools Operations

Ready

Quick Launch (Ctrl+Q) Sign In



Solution Explorer Properties

Search Solution

Alignment

Expression

Set expression for: Color

```
=iif(
```

IIf(Expression as Boolean, TruePart as Object, FalsePart as Object) as Object

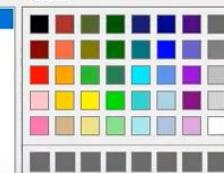
Category:

- Constants
- Built-in Fields
- Parameters
- Fields (DataSet1)
- Datasets
- Variables
- Operators
- Common Functions

Item:

<All>

Values:



More colors...

Activate Windows

Go to Settings to activate Windows.

OK

Cancel

Help



3-SQL Server Reporting Service-SSRS.

Report Data

- New
- Edit...
- Up
- Down
- Left
- Right
- Search
- Built-in Fields
- Parameters
- Images
- Data Sources
- Datasets

Report Data

New

Edit...

Up

Down

Left

Right

Search

Report Data

New

Edit...

Up

Down

Left

Right

Search

Report Data

New

Edit...

Up

Down

Left

Right

Search

Report Data

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Report Data

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Edit...

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Left

Right

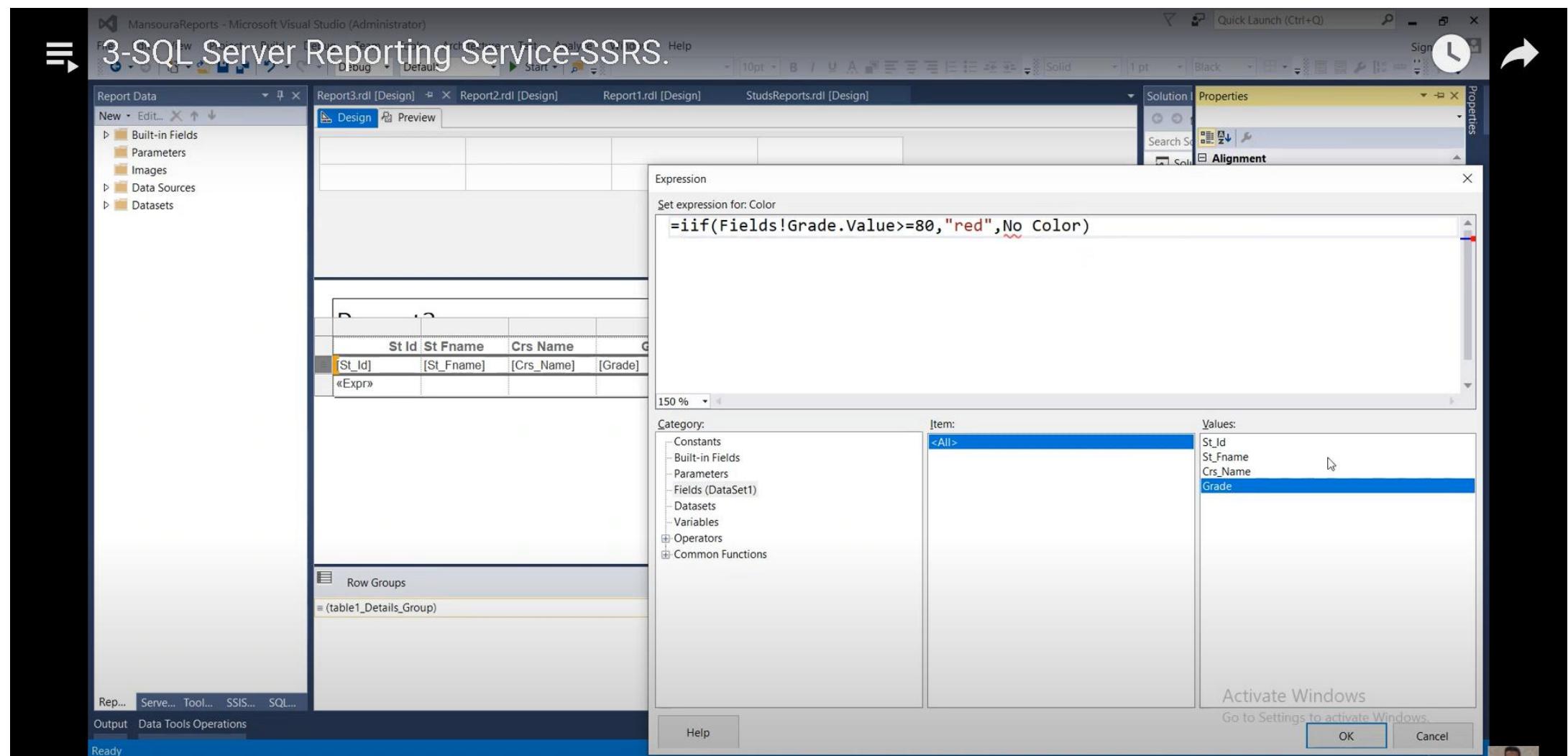
Search

Report Data

New

Edit...

Up





3-SQL Server Reporting Service-SSRS.

Report Data New Edit... Design Preview

Report3.rdl [Design] Report2.rdl [Design] Report1.rdl [Design] StudsReports.rdl [Design]

Report3.rdl [Design] Report2.rdl [Design] Report1.rdl [Design] StudsReports.rdl [Design]

Properties

Alignment

Expression

Set expression for: Color

```
=iif(Fields!Grade.Value>=80,"red",No Color)
```

150 %

Category: Item: Values:

- Constants
- Built-in Fields
- Parameters
- Fields (DataSet1)
- Datasets
- Variables
- Operators
- Common Functions

<All>

St_Id
St_Fname
Crs_Name
Grade

Row Groups

=(table1_Details_Group)

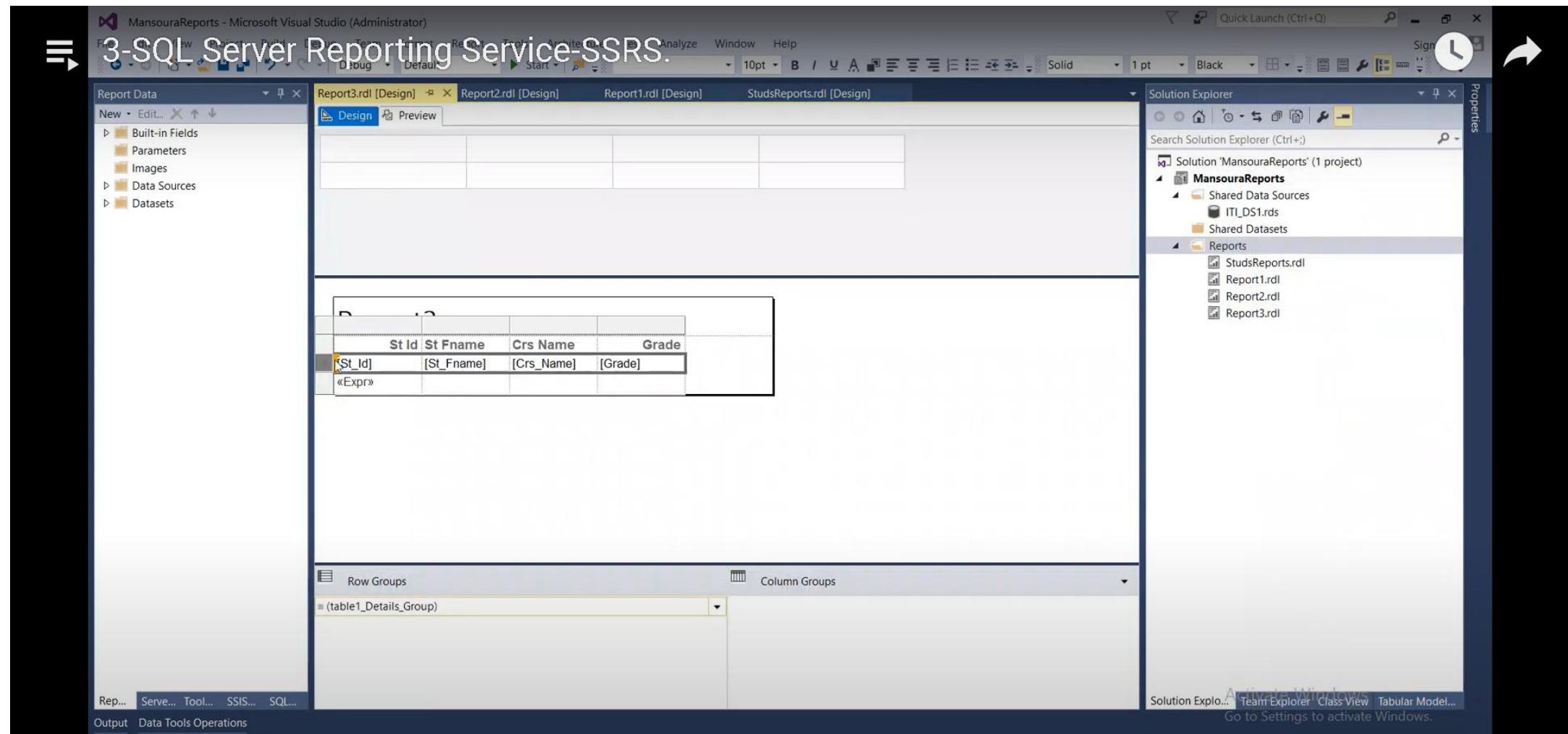
Help

Activate Windows
Go to Settings to activate Windows.

OK Cancel

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

3- SQL Server Reporting Service SSRS





3-SQL Server Reporting Service-SSRS.



- New
- Report Data
 - Built-in Fields
 - Parameters
 - Images
- Data Sources
- Datasets

Report3.rdl [Design] Report2.rdl [Design] Report1.rdl [Design] StudsReports.rdl [Design]

Design Preview

--	--	--	--

St_Id	St_Fname	Crs_Name	Grade
[St_Id]	[St_Fname]	[Crs_Name]	[Grade]
«Expr»			

Row Groups			
= (table1_Details_Group)			

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

Output Data Tools Operations

Ready

Expression

```
=iif(Fields!Grade.Value>=80,"red",No Color)
```

Category:

- Constants
- Built-in Fields
- Parameters
- Fields (DataSet1)
- Datasets
- Variables
- Operators
- Common Functions

Item:

<All>

Values:

Black Red Green Blue Purple



Activate Windows

Go to Settings to activate Windows.

Report Data

Report3.rdl [Design] Report2.rdl [Design] Report1.rdl [Design] StudsReports.rdl [Design]

Design Preview

Properties

Expression

Set expression for: Color

```
=iif(Fields!Grade.Value>=80,"red","No Color")
```

Category: Constants, Built-in Fields, Parameters, Fields (DataSet1), Datasets, Variables, Operators, Common Functions

Item: <All>

Values: A color picker showing a grid of colors. The red color is selected.

More colors...

Activate Windows
Go to Settings to activate Windows.

OK Cancel

St Id St Fname Crs Name

[St_Id] [St_Fname] [Crs_Name] [Grade]

«Expr»

150 %

Row Groups
≡ (table1_Details_Group)

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

Output Data Tools Operations

Ready

This screenshot shows the Microsoft Visual Studio Report Designer interface. The main area displays a report with a table containing columns for St Id, St Fname, Crs Name, and Grade. A color picker dialog is open over the report, specifically for setting the color of the 'Grade' field. The expression in the dialog is =iif(Fields!Grade.Value>=80,"red","No Color"). The color picker shows a standard 8x8 grid of colors, with red being the currently selected color. The 'Values' section of the color picker also shows a smaller grid of colors, with red being one of them. The 'Category' list on the left includes options like Constants, Built-in Fields, and Operators. The 'Item' dropdown is set to '<All>'. At the bottom right of the dialog, there are 'OK' and 'Cancel' buttons, along with a message from Microsoft about activating Windows. The overall interface is dark-themed, typical of Visual Studio.

3-SQL Server Reporting Service SSRS.

Report Data Report3.rdl [Design] Report2.rdl [Design] Report1.rdl [Design] StudsReports.rdl [Design]

Design Preview

Report3

St Id	St Fname	Crs Name	Grade
4		C Progammimg	90
5		C Progammimg	90
8		C Progammimg	70
9 Saly		C Progammimg	70
4		HTML	80
5		HTML	110
6 Heba		HTML	100
9 Saly		Java	100
10 Fady		Java	100
5		OOP	80
6 Heba		OOP	80
10 Fady		OOP	110
4		Oracle	80
5		Oracle	70
6 Heba		SQL Server	90
4		Unix	100
5		Unix	100
8		Web Service	80

total studs= 18

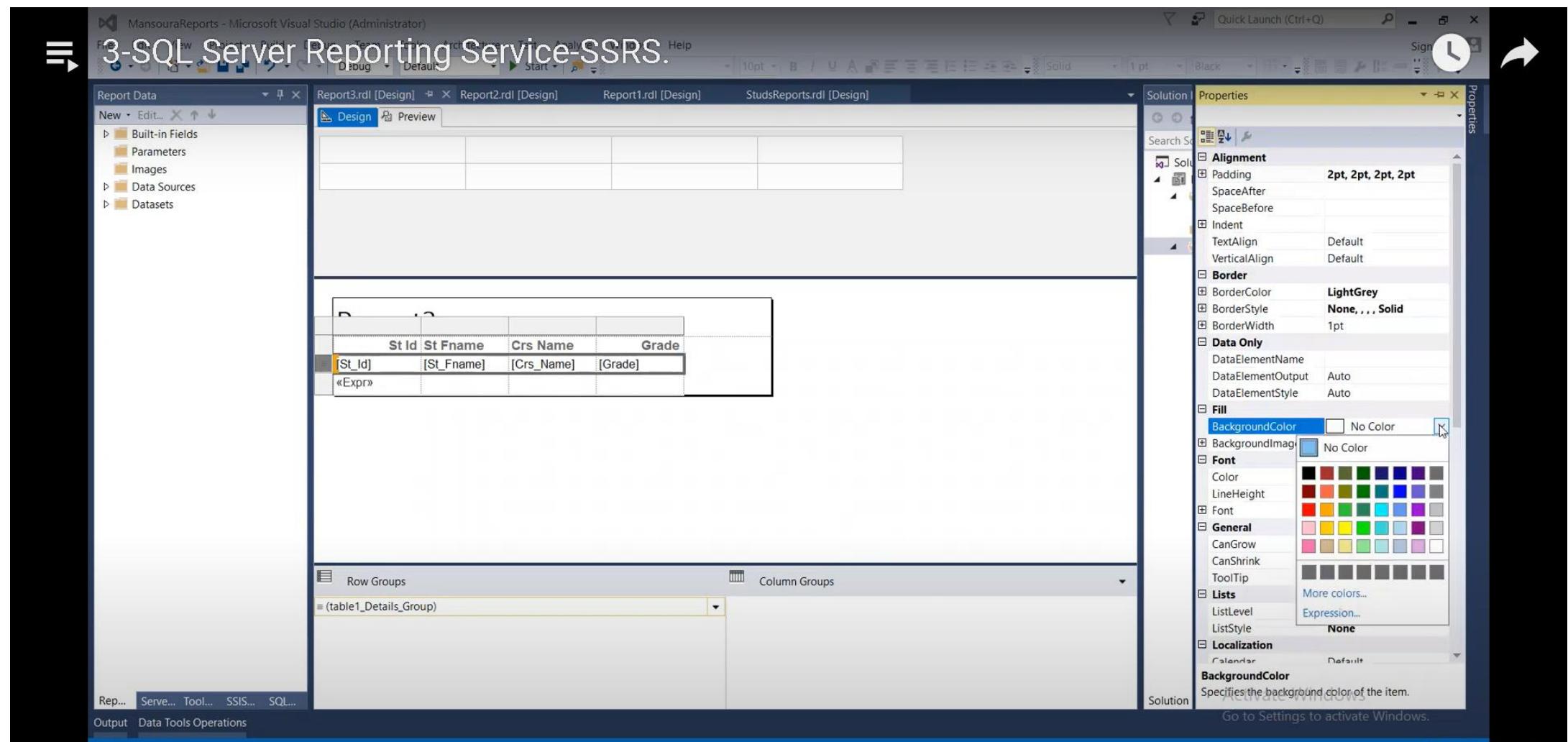
Report... Serve... Tool... SSIS... SQL... Output Data Tools Operations

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
 - Report3.rdl

Activate Windows Go to Settings to activate Windows.

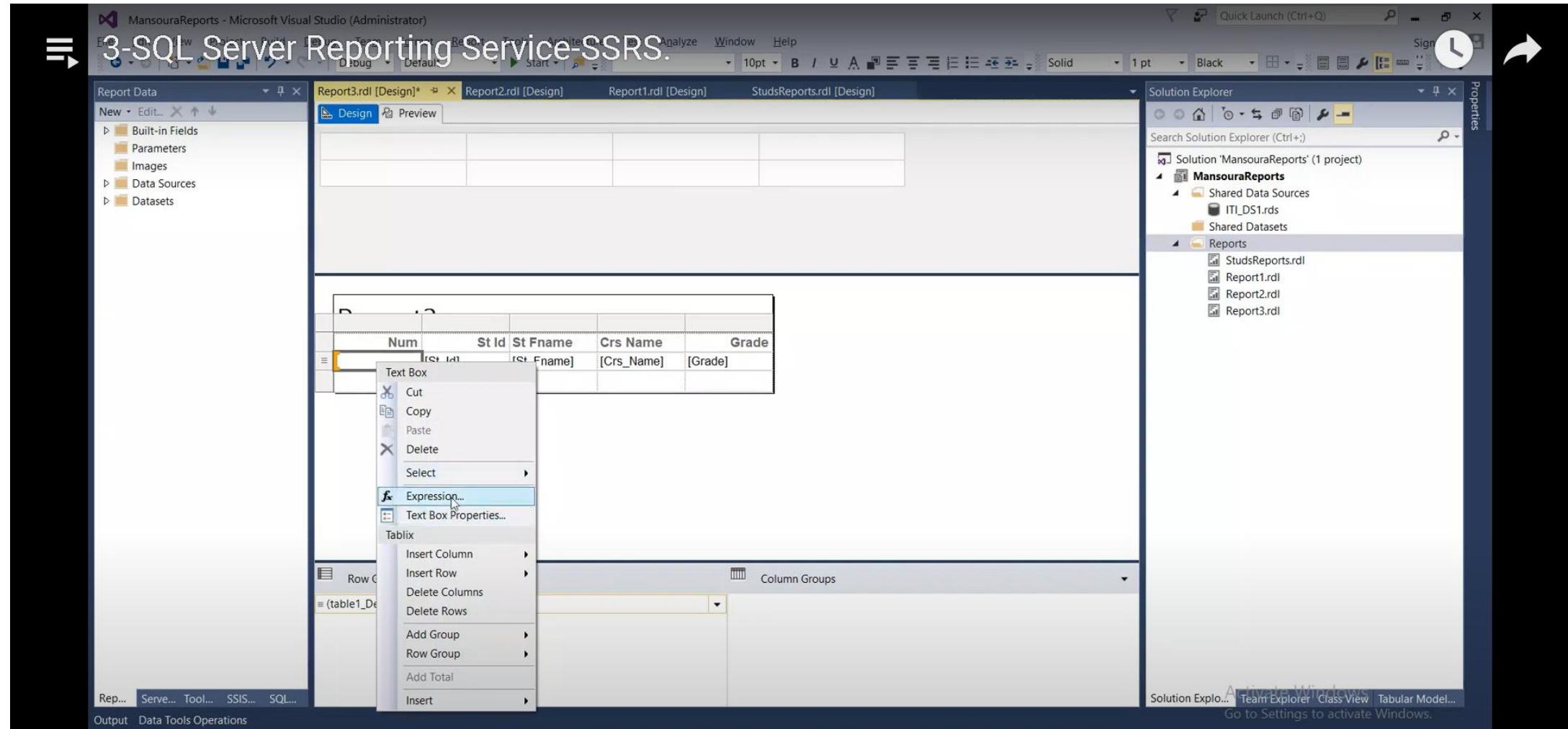


MansouraReports - Microsoft Visual Studio (Administrator)

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 'Report3.rdl [Design]' tab, showing a table structure with four columns. A context menu is open over the third column, with the 'Left' option highlighted. The menu also includes 'Insert Column', 'Delete Columns', 'Column Visibility...', and 'Tablix Properties...'. The 'Solution Explorer' pane on the right shows a project named 'MansouraReports' containing a 'Shared Data Sources' folder with 'ITI_DS1.rds', a 'Shared Datasets' folder, and a 'Reports' folder containing 'StudsReports.rdl', 'Report1.rdl', 'Report2.rdl', and 'Report3.rdl'. The bottom status bar indicates 'Activation Windows' and 'Go to Settings to activate Windows.'

3- SQL Server Reporting Service-SSRS



MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Tools Analyze Window Help



Report Data Report3.rdl Design Expression Set expression for: Value

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

=RowNumber(

RowNumber(Scope as String) as Int32

Scope: Name of a group or data region that contains (directly or indirectly) the report item that the aggregate function is used in.

Category:

- Constants
- Built-in Fields
- Parameters
- Fields (DataSet1)
- Datasets
- Variables
- Operators
- Common Functions
 - Text
 - Date & Time
 - Math
 - Inspection
 - Program Flow
 - Aggregate
 - Financial
 - Conversion
 - Miscellaneous

Item:

- InScope
- Level
- Lookup
- LookupSet
- MultiLookup
- Previous
- RowNumber

Description

Returns a running count of all rows in the specified scope.

Example

=RowNumber("AdventureWorks")

OK

Cancel

Report Server Tools SSIS... SQL...

Solution Explorer Team Explorer Class View Tabular Model...

Activate Windows

Help



3-SQL Server Reporting Service-SSRS.

Set expression for: Value

```
=RowNumber("DataSet1")
```

Category:

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

Item:

- InScope
- Level
- Lookup
- LookupSet
- MultiLookup
- Previous
- RowNumber**

Description

Returns a running count of all rows in the specified scope.

Example

```
=RowNumber("AdventureWorks")
```

OK Cancel

Report Server... SQL Server... SQL Data... Output Data Tools Operations

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 developing SQL Server Reporting Services (SSRS) reports. The main window displays the 'Report3.rdl [Design]' view, showing a table with student data:

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	
11	6 Heba	OOP	80	
12	12 Fady	OOP	110	

The Solution Explorer on the right shows the project structure:

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

Activate Windows

Go to Settings to activate Windows.

MansouraReports - Microsoft Visual Studio (Administrator)

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 Data' pane on the left, showing report items like 'Report3.rdl [Design]', 'Report2.rdl [Design]', 'Report1.rdl [Design]', and 'StudsReports.rdl [Design]'. The central area shows the 'Design' view of Report3.rdl, featuring a table with columns: Num, St_Id, St_Fname, Crs_Name, and Grade. The table has two rows; the first row contains expressions like «Expr» and field names like [St_Id], while the second row contains another expression «Expr». Below the table, the 'Row Groups' and 'Column Groups' sections are visible, with 'Row Groups' currently expanded to show '(table1_Details_Group)'. The 'Solution Explorer' pane on the right lists the solution 'MansouraReports' containing projects for 'Shared Data Sources' (ITI_DS1.rds), 'Shared Datasets', and 'Reports' (StudsReports.rdl, Report1.rdl, Report2.rdl, Report3.rdl). The 'Properties' pane is also visible on the far right. The bottom of the screen shows the Visual Studio ribbon bar with tabs like 'File', 'Edit', 'View', etc., and various toolbars and status bars.

3-SQL Server Reporting Service-SSRS.

Report Data Report3.rdl [Design] Report2.rdl [Design] Report1.rdl [Design] StudsReports.rdl [Design]

Design Preview

Built-in Fields
Parameters
Images
Data Sources
Datasets

Report3.rdl [Design]

Row Groups: (table1_Details_Group)

Column Groups:

Num	St Id	St Fname	Crs Name	Grade
«Expr»	[St_Id]	[St_Fname]	[Crs_Name]	[Grade]
	«Expr»			

Properties

Alignment: Padding 2pt, 2pt, 2pt, 2pt
SpaceAfter
SpaceBefore
Indent
TextAlign Default
VerticalAlign Default

Border: BorderColor LightGrey
BorderStyle None, , , Solid
BorderWidth 1pt

Data Only: DataElementName
DataElementOutput Auto
DataElementStyle Auto

Fill: BackgroundColor No Color
BackgroundImage No Color
Font: Color
LineHeight
Font: Color
General: CanGrow
CanShrink
ToolTip
Lists: ListLevel
ListStyle
Localization: Calendar
BackgroundColor Default
Specifies the background color of the item.

Get started with Windows 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 a report design with a table containing columns for Num, St_Id, St_Fname, and Crs_Nan. A context menu is open over the first row of the table, specifically over the 'St_Id' column cell. An 'Expression' dialog box is visible, showing the expression: `=RowNumber("DataSet1") Mod 2 =0,"gray","No Color")`. The 'Properties' panel is also open, showing the 'Alignment' property for the selected cell. The 'Category' pane of the expression builder lists various operators like Arithmetic, Comparison, Concatenation, Logical/Bitwise, Bit Shift, and Common Functions. The 'Item' pane shows the 'Mod' operator selected. The 'Description' pane explains that it raises a number to the power of another number, and the 'Example' pane shows an example: `=Fields!NumberCarsOwned.Value ^ 3`.

3-SQL Server Reporting Service-SSRS.

Report Data New Edit... X Report3.rdl [Design] Report2.rdl [Design] Report1.rdl [Design] StudsReports.rdl [Design] Solution Explorer Properties

Design Preview

Set expression for: BackgroundColor
=RowNumber("DataSet1") Mod 2 =0,"gray","No Color")

Category: Constants, Built-in Fields, Parameters, Fields (DataSet1), Datasets, Variables, Operators, Arithmetic, Comparison, Concatenation, Logical/Bitwise, Bit Shift, Common Functions

Item: ^, /, \, Mod, +, -

Description: Raises a number to the power of another number.

Example: =Fields!NumberCarsOwned.Value ^ 3

Activate Windows
Go to Settings to activate Windows.

OK Cancel

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

Ready