

3-SQL Server Reporting Service-SSRS.

Report Data

New Edit... X ↑ ↓ Report3.rdl [Design] X Report2.rdl [Design] Report1.rdl [Design] StudsReports.rdl [Design]

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

150 %

Row Groups: =(table1_Details_Group)

Table Design View:

Num	St_Id	St_Fname	Crs_Nan
«Expr»	[St_Id]	[St_Fname]	[Crs_Nan]
	«Expr»		



3-SQL Server Reporting Service-SSRS.

Quick Launch (Ctrl+Q)



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

Report Data

Design Preview

Num	St Id	St Fname	Crs Nan
«Expr»	[St_Id]	[St_Fname]	[Crs_Nan]
	«Expr»		

Row Groups
= (table1_Details_Group)

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

Expression

Set expression for: BackgroundColor

```
=iif(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
```

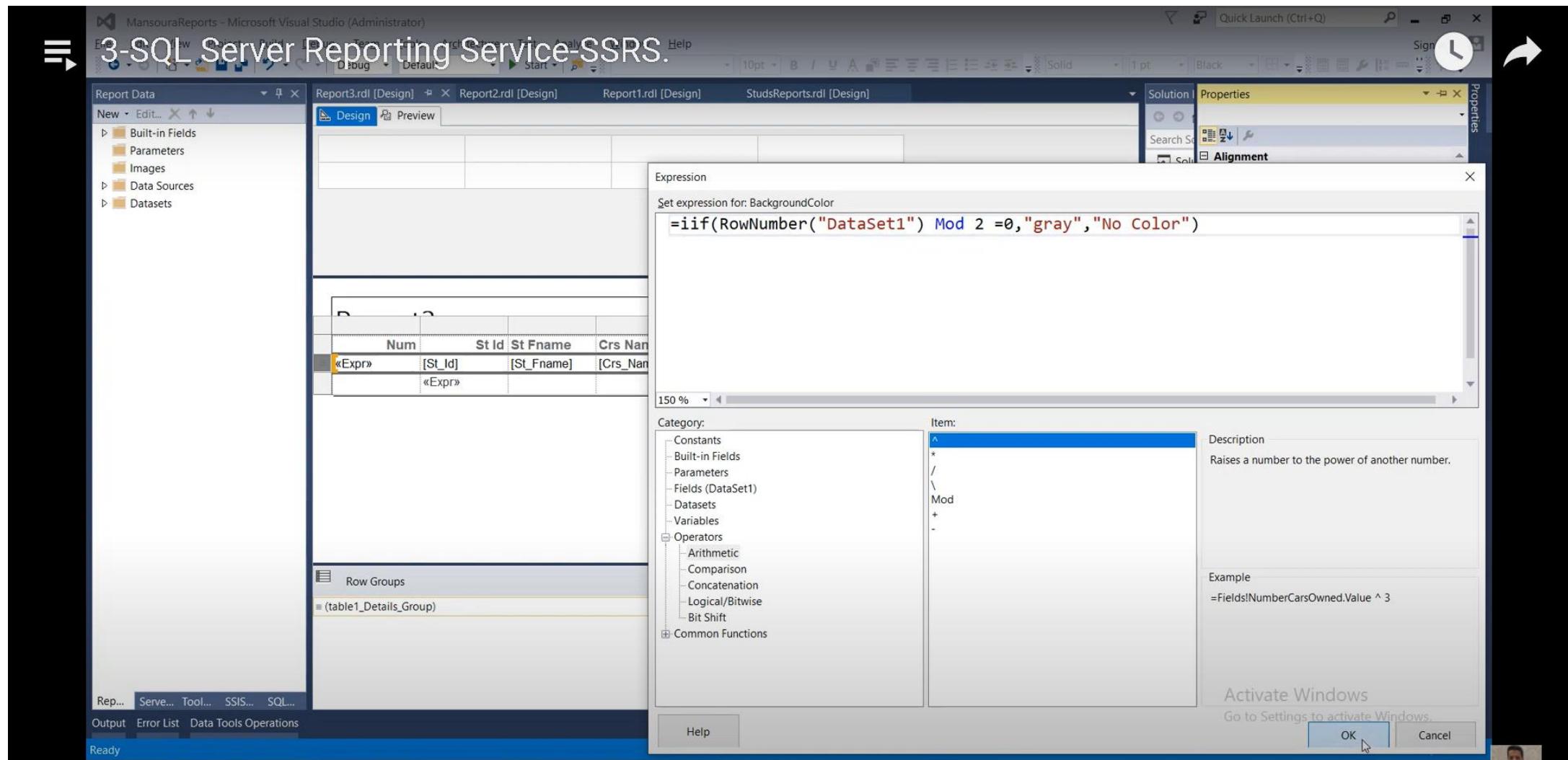
Activate Windows

Go to Settings to activate Windows.

OK

Cancel

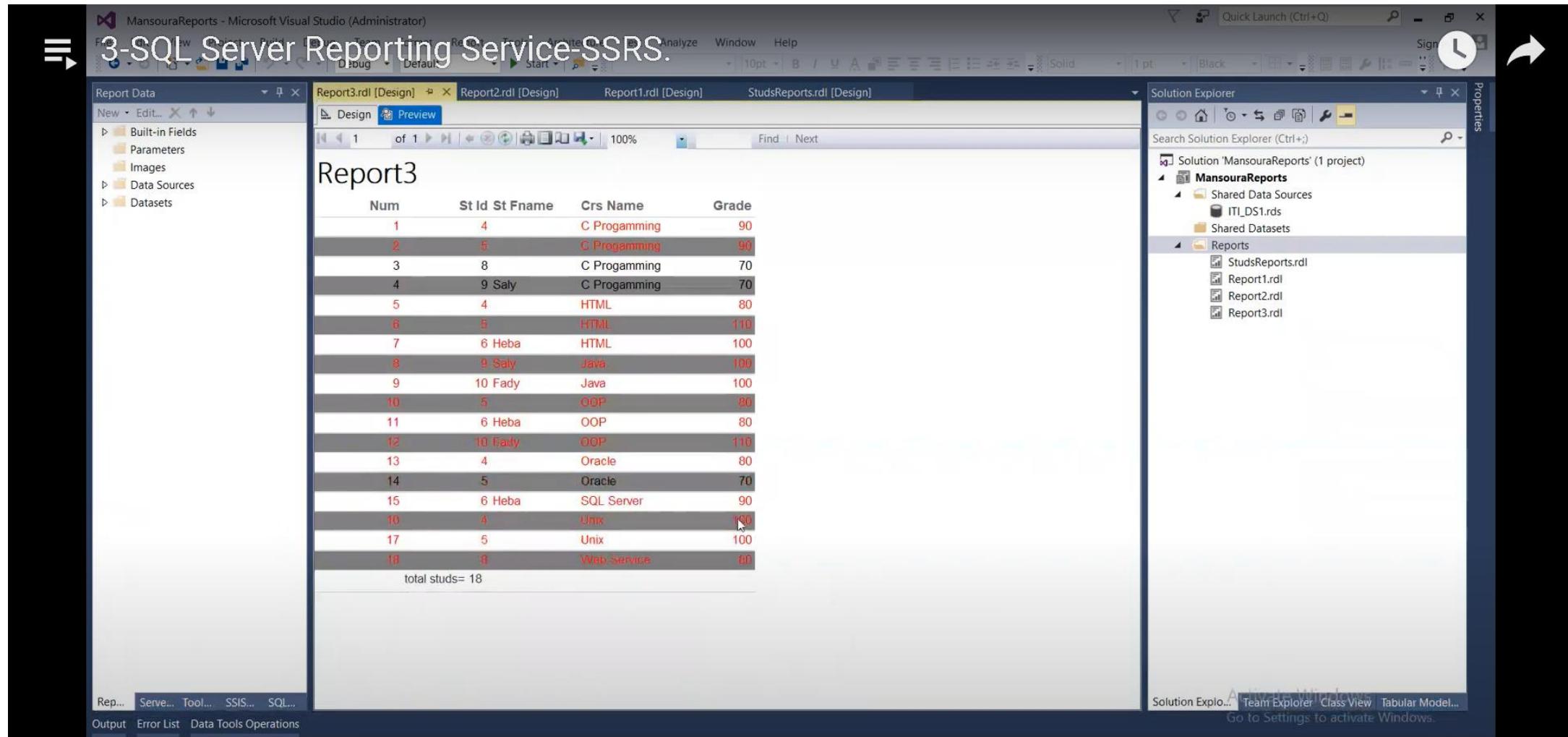
3-SQL Server Reporting Service SSRS.



3-SQL Server Reporting Service-SSRS.

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	10 Fady		OOP	110
13	4		Oracle	80
14	5		Oracle	70
15	6 Heba		SQL Server	90
16	4		Unix	100
17	5		Unix	100
18	8		Web Service	80

total studs= 18



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 [Design]. A table control is visible on the report surface, showing columns for Num, St Id, St Fname, Crs Name, and Grade. The 'Properties' panel on the right is open, showing settings for the table's alignment, border, data only, fill, font, general, lists, and localization. The 'Font' section is currently selected, showing a color of black and a font size of 10pt. The 'Row Groups' and 'Column Groups' panes at the bottom of the report surface show a single row group named '(table1_Details_Group)'. The status bar at the bottom indicates a successful deployment: 'Deploy succeeded'.

Report Data

New Edit... X ↑ ↓

Built-in Fields Parameters Images Data Sources Datasets

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

Design Preview

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 Font Color Black LineHeight 10pt, Default, Default General CanGrow True CanShrink False ToolTip Lists ListLevel 0 ListStyle None Localization Calendar Default Color Specifies the color of the text Go to Settings to activate Windows

Row Groups

= (table1_Details_Group)

Column Groups

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

Deploy succeeded

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 columns labeled 'Num', 'St_Id', 'St_Fname', 'Crs_Name', and 'Grade'. A context menu is open over the 'Grade' column, with options like 'Insert Column', 'Delete Columns', 'Column Visibility...', and 'Tablix Properties...'. The 'Left' option is highlighted. 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 includes links for 'Rep...', 'Serve...', 'Tool...', 'SSIS...', 'SQL...', 'Output', 'Error List', 'Data Tools Operations', 'Activate Windows', 'Solution Explorer', 'Team Explorer', 'Class View', 'Tabular Model...', and 'Go to Settings to activate Windows.'

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

Insert Column
Delete Columns
Column Visibility...
Tablix Properties...

Left

Right

Row Groups: =(table1_Details_Group)

Column Groups:

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

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

3-SQL Server Reporting Service SSRS.

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

Design Preview

Toolbox

Report Items

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

General

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

Report3.rdl [Design]

Design Preview

Report3.rdl [Design]

Report2.rdl [Design]

Report1.rdl [Design]

StudsReports.rdl [Design]

Solution Explorer

Search Solution Explorer (Ctrl+.)

MansouraReports

- ITI_DS1.rds
- Shared Datasets
- Reports
- StudsReports.rdl
- Report1.rdl
- Report2.rdl
- Report3.rdl

Properties

Row Groups

= (table1_Details_Group)

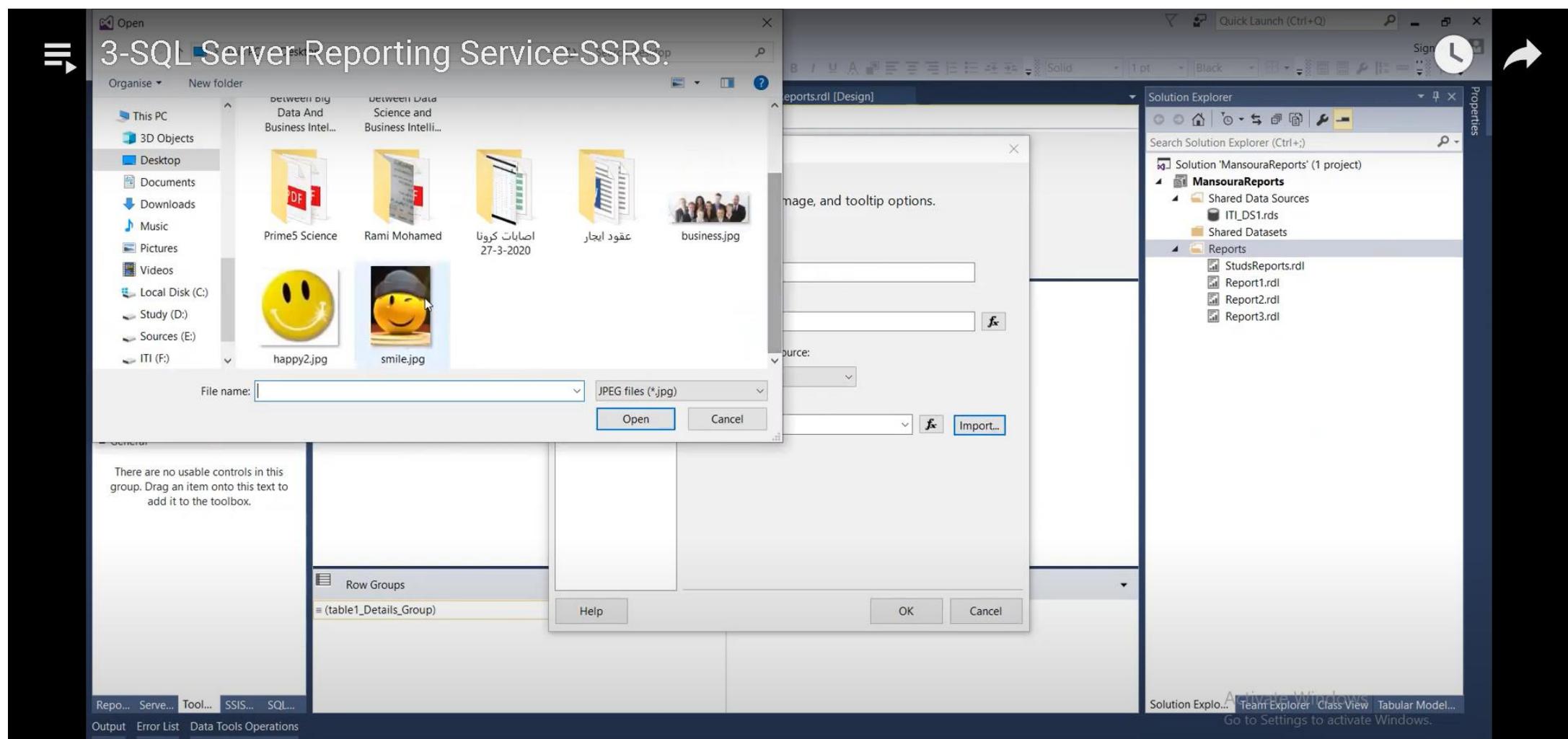
Column Groups

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

Output Error List Data Tools Operations

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

The screenshot shows the Microsoft Visual Studio interface for developing SQL Server Reporting Services (SSRS) reports. The main window displays the 'Report3.rdl [Design]' tab, where a table control is being edited. The table has five columns: 'Num', 'St_Id', 'St_Fname', 'Crs_Name', and 'Grade'. The 'Grade' column is currently selected, indicated by a blue selection bar. The 'Toolbox' on the left lists various report items, and the 'Solution Explorer' on the right shows the project structure under 'MansouraReports'. The status bar at the bottom indicates the report is part of a solution named 'MansouraReports' and includes links for Team Explorer, Class View, and Tabular Model.



3-SQL Server Reporting Service SSRS.

The screenshot shows the Microsoft Visual Studio interface for developing SQL Server Reporting Services (SSRS) reports. The main window displays the 'Report3.rdl [Design]' tab, showing a report layout with a table and some placeholder text. A tooltip message in the toolbox states: 'There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.' The 'Image Properties' dialog box is open, allowing configuration of an image control named 'Image1'. The 'General' tab is selected, showing fields for 'Name' (set to 'Image1'), 'ToolTip' (empty), 'Select the image source' (set to 'Embedded'), and 'Use this image' (set to 'smile'). The 'OK' button is highlighted with a cursor. The 'Solution Explorer' pane on the right lists the project 'MansouraReports' with its shared data sources, datasets, and reports, including 'Report3.rdl'. The bottom status bar includes links to 'Activate Windows', 'Team Explorer', 'Class View', 'Tabular Model...', and 'Go to Settings to activate Windows.'

3-SQL Server Reporting Service-SSRS.

The screenshot shows the Microsoft Visual Studio interface for developing SQL Server Reporting Services (SSRS) reports. The main window displays the design view of Report3.rdl, which contains a table with five columns: Num, St_Id, St_Fname, Crs_Name, and Grade. The Grade column contains a placeholder expression «Expr» and a small smiley face icon. The report is titled "Report3".

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

3-SQL Server Reporting Service-SSRS.

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

Design Preview

Report3

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

Toolbox

Report Items

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

General

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

Solution Explorer

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

Properties

Search Solution Explorer (Ctrl+.)

Deploy succeeded

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, which is currently selected. The report design surface contains a table with five columns: 'Num', 'St Id', 'St Fname', 'Crs Name', and 'Grade'. The 'Grade' column contains a yellow smiley face icon, indicating a calculated value or a specific data type. The 'Report Items' toolbox on the left lists various controls like Text Box, Line, Table, Matrix, Rectangle, List, Image, Subreport, Chart, Gauge, Map, Data Bar, Sparkline, and Indicator. A tooltip message says: 'There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.' 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 four reports: 'StudsReports.rdl', 'Report1.rdl', 'Report2.rdl', and 'Report3.rdl'. The bottom status bar indicates a successful deployment: 'Deploy succeeded'.



3-SQL Server Reporting Service-SSRS.

Toolbox

Search Toolbox

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

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

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

Design Preview

--	--	--	--	--

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

Row Groups	Column Groups
=(table1_Details_Group)	

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

Output Error List Data Tools Operations

Deploy succeeded

Quick Launch (Ctrl+Q) Sign In



Properties

Image1 Image

MIMEType
Name Image1
Source Embedded
ToolTip
Value smile

Localization

LabelLocID
ToolTipLocID

Other

Bookmark
CustomProperties
DocumentMapLabel
Parent table1
RepeatWith
ZIndex 0

Position

Location 0in, 0in
Size 1in, 0.5683in

Published Report Part

ComponentDescription
ComponentID
HideUpdateNotification False
SourcePath
SyncDate

Size

Padding 0pt, 0pt, 0pt, 0pt
Sizing FitProportional

Visibility

Hidden False
ToggleItem

Hidden

Indicates whether the report item is initially hidden.

Go to Settings to activate Windows.

Publish

3-SQL Server Reporting Service SSRS.

Set expression for: Hidden

False

Category: Item: Values:

Constants	<All>	True
Built-in Fields		False
Parameters		
Fields (DataSet1)		
Datasets		
Variables		
Operators		
Common Functions		

OK Cancel

Properties

Image1 Image

MIMEType

Name **Image1**

Source **Embedded**

ToolTip

Value **smile**

Localization

LabelLocID

ToolTipLocID

Other

Bookmark

CustomProperties

DocumentMapLabel

Parent **table1**

RepeatWith

ZIndex **0**

Position

Location **0in, 0in**

Size **1in, 0.56833in**

Published Report Part

ComponentDescription

ComponentID

HideUpdateNotification **False**

SourcePath

SyncDate

Size

Padding **Opt, Opt, Opt, Opt**

Sizing **FitProportional**

Visibility

Hidden **False**

ToggleItem

hidden

Indicates whether the report item is initially hidden.

Activate Windows

Go to Settings to activate Windows.

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

Output Error List Data Tools Operations

150 %

Help

Row

= (table1_D

Category: Item: Values:

Constants	<All>	True
Built-in Fields		False
Parameters		
Fields (DataSet1)		
Datasets		
Variables		
Operators		
Common Functions		

OK Cancel

Properties

Image1 Image

MIMEType

Name **Image1**

Source **Embedded**

ToolTip

Value **smile**

Localization

LabelLocID

ToolTipLocID

Other

Bookmark

CustomProperties

DocumentMapLabel

Parent **table1**

RepeatWith

ZIndex **0**

Position

Location **0in, 0in**

Size **1in, 0.56833in**

Published Report Part

ComponentDescription

ComponentID

HideUpdateNotification **False**

SourcePath

SyncDate

Size

Padding **Opt, Opt, Opt, Opt**

Sizing **FitProportional**

Visibility

Hidden **False**

ToggleItem

hidden

Indicates whether the report item is initially hidden.

Activate Windows

Go to Settings to activate Windows.

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

Output Error List Data Tools Operations

150 %

Help

Row

= (table1_D

3-SQL Server Reporting Service-SSRS.

Expression

Set expression for: Hidden

```
=iif(Fields!Grade.Value>=90, False, true)
```

Category: Item: Values:

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

<All>

St_Id
St_Fname
Crs_Name
Grade

Properties

Image1 Image

MIMEType

Name **Image1**
Source **Embedded**
ToolTip
Value **smile**

Localization

LabelLocID
ToolTipLocID

Other

Bookmark
CustomProperties
DocumentMapLabel

Parent **table1**
RepeatWith
ZIndex **0**

Position

Location **0in, 0in**
Size **1in, 0.56833in**

Published Report Part

ComponentDescription
ComponentID
HideUpdateNotification **False**
SourcePath
SyncDate

Size

Padding **0pt, 0pt, 0pt, 0pt**
Sizing **FitProportional**

Visibility

Hidden **False**
ToggleItem

hidden

Indicates whether the report item is initially hidden.

OK Cancel

Help

Row

=(table1.D

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

Solution

Output Error List Data Tools Operations

Quick Launch (Ctrl+Q) Sign In

Properties

Get started with Windows Go to Settings to activate Windows.



File

Edit

View

Project

Toolbox

Server Explorer

Toolbox

Report

Analysis

Window

Help

Start

Debug

Default

Report

Analyze

Window

Help

Solid

10pt

B

A

Solid

1 pt

Black

Properties

3-SQL Server Reporting Service-SSRS.



Toolbox

Search Toolbox

- ▲ Report Items
 - Pointer
 - Text Box
 - Line
 - Table
 - Matrix
 - Rectangle
 - List
 - Image
 - Subreport
 - Chart
 - Gauge
 - Map
 - Data Bar
 - Sparkline
 - Indicator
 - General
 - There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Report3

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

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

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 columns labeled 'Num', 'St Id', 'St Fname', 'Crs Name', and 'Grade'. A context menu is open over the 'Grade' column header, with options like 'Insert Column', 'Delete Columns', 'Column Visibility...', and 'Tablix Properties...'. The 'Toolbox' on the left is expanded, showing the 'Report Items' section with various controls like Text Box, Line, Table, Matrix, etc. The 'Solution Explorer' on the right shows a project named 'MansouraReports' containing 'Shared Data Sources', 'Shared Datasets', and three reports: 'StudsReports.rdl', 'Report1.rdl', 'Report2.rdl', and 'Report3.rdl'. The status bar at the bottom indicates 'Deploy succeeded'.

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

Insert Column

Delete Columns

Column Visibility...

Tablix Properties...

Left

Right

Row Groups

Column Groups

(table1_Details_Group)

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

Design Preview

Toolbox

Search Toolbox

Report Items

Pointer

Text Box

Line

Table

Matrix

Rectangle

List

Image

Subreport

Chart

Gauge

Map

Data Bar

Sparkline

Indicator

General

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

Solution Explorer

Search Solution Explorer (Ctrl+Shift+F)

Solution 'MansouraReports' (1 project)

MansouraReports

Shared Data Sources

ITL_DS1.rds

Shared Datasets

Reports

StudsReports.rdl

Report1.rdl

Report2.rdl

Report3.rdl

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

Output Error List Data Tools Operations

Deploy succeeded

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

↑ Publish

MansouraReports - Microsoft Visual Studio (Administrator)

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

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

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

Design Preview

Search Solution Explorer (Ctrl+.)

Solution MansouraReports

- Shared Data Sources
- Shared Datasets
- Reports

StudsReports.rdl Report1.rdl Report2.rdl Report3.rdl

Insert Column Delete Columns Column Visibility... Tablix Properties...

Left Right

Num St Id St Fname Crs Name Grade

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

Row Groups Column Groups

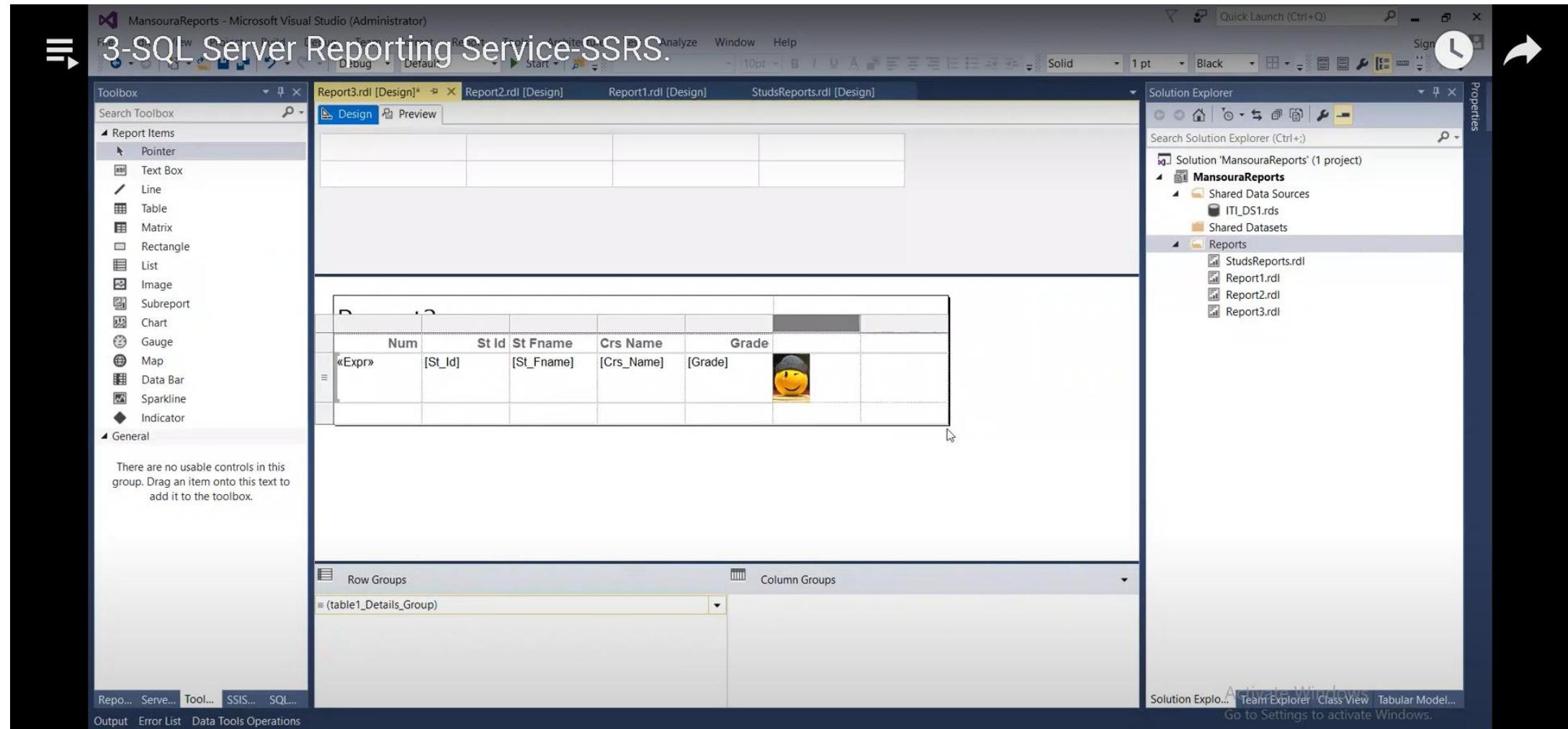
= (table1_Details_Group)

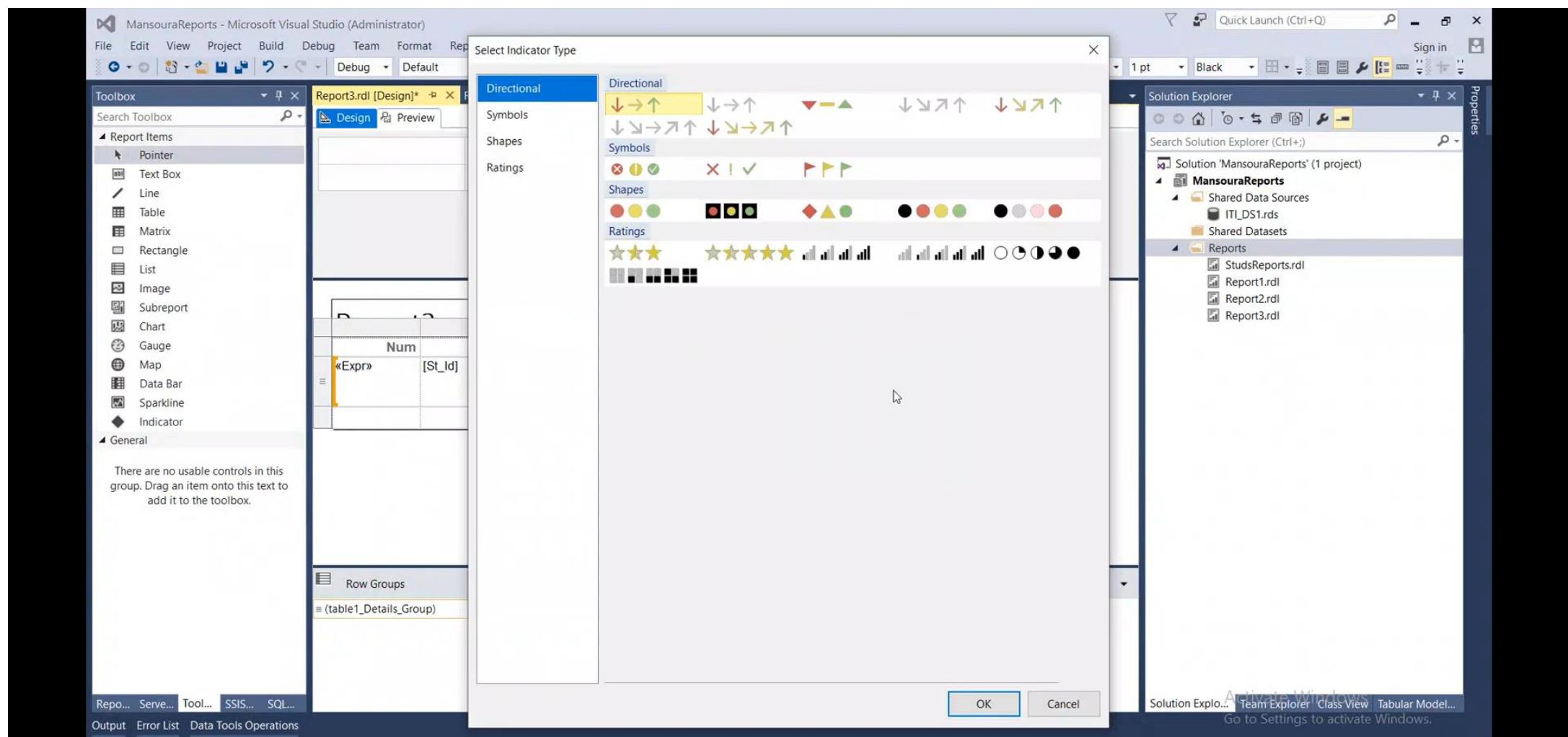
Repo... Serve... Tool... SSIS... SQL... Output Error List Data Tools Operations

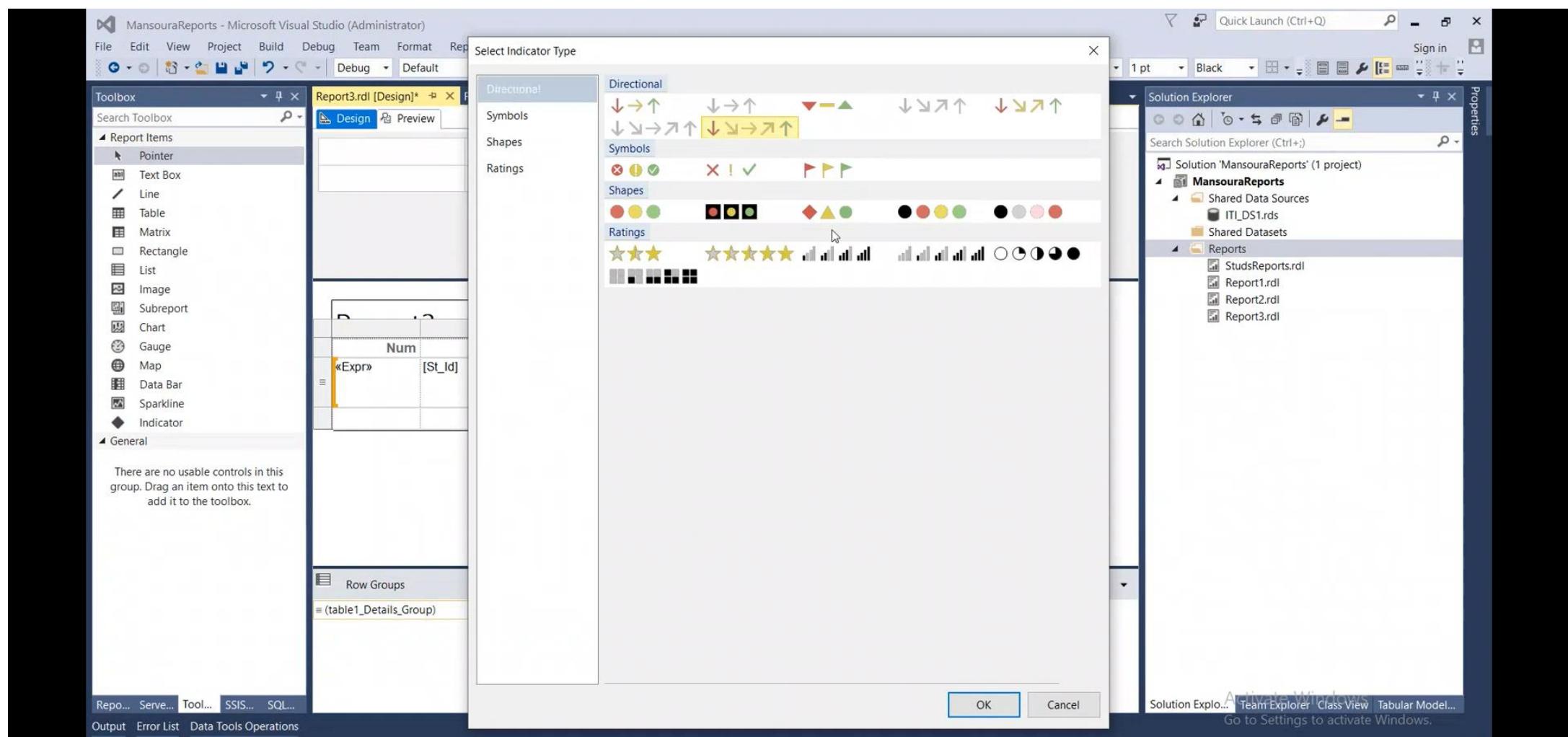
Activate Windows Solution Explorer Team Explorer Class View Tabular Model... Go to Settings to activate Windows.

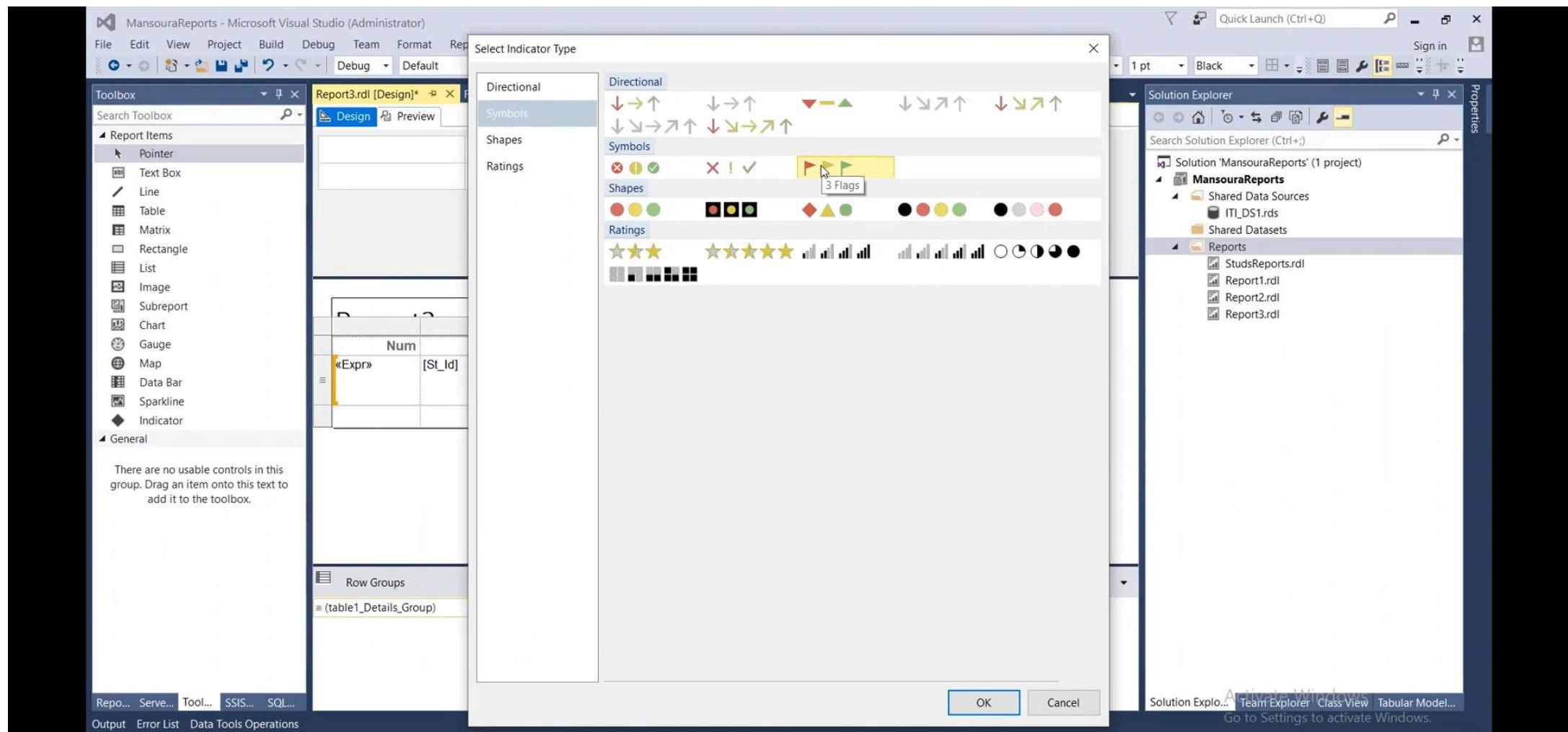
The screenshot shows the Microsoft Visual Studio interface for report development. The main window displays the 'Report3.rdl [Design]' tab. A context menu is open over a cell in a table, with the 'Insert Column' option highlighted. The table has five columns with headers: 'Num', 'St Id', 'St Fname', 'Crs Name', and 'Grade'. The first column contains an expression '«Expr»'. The 'Toolbox' on the left lists various report items like Pointer, Text Box, Line, Table, etc. The 'Solution Explorer' on the right shows the project structure under 'MansouraReports'. The status bar at the bottom indicates 'Activate Windows'.

3- SQL Server Reporting Service-SSRS.









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 Solid 1 pt Black Properties

Toolbox

Search Toolbox

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

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

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

Design Preview

--	--	--	--	--

Report3

Num St Id St Fname Crs Name Grade

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



Gauge Data

Σ Values

Indicator1
(Unspecified)

Row Groups

≡ (table1_Details_Group)

Column Groups

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

Output Error List Data Tools Operations

Solution Explorer Team Explorer Class View Tabular Model...

Go to Settings to activate Windows.

Sign in

Properties

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

↳ MansouraReports

↳ Shared Data Sources

ITI_DS1.rds

↳ Shared Datasets

↳ Reports

StudsReports.rdl

Report1.rdl

Report2.rdl

Report3.rdl

MansouraReports - Microsoft Visual Studio (Administrator)

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

Quick Launch (Ctrl+Q) Sign in

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

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

Design Preview

Report3

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

Gauge Data

Σ Values

Indicator1 (Unspecified)

Delete Indicator Change Indicator Type... Gauge Panel Add Label Indicator Properties...

Row Groups Column Groups

=(table1_Details_Group)

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

Output Error List Data Tools Operations

Activate Windows

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Format Report

Report3.rdl [Design] * Design Preview

Indicator properties

General Value and States Action

Change indicator value

Value:

States Measurement Unit: Percentage Synchronization scope: table1

Minimum: Auto Maximum: Auto

Indicator states:

Add Delete

Icon	Color	Start	End
Red flag icon	FF C0 43 3A	0	33
Yellow flag icon	FF E8 D6 2E	33	66
Green flag icon	FF 79 C7 5B	66	100

OK Cancel Help

Solution Explorer Properties

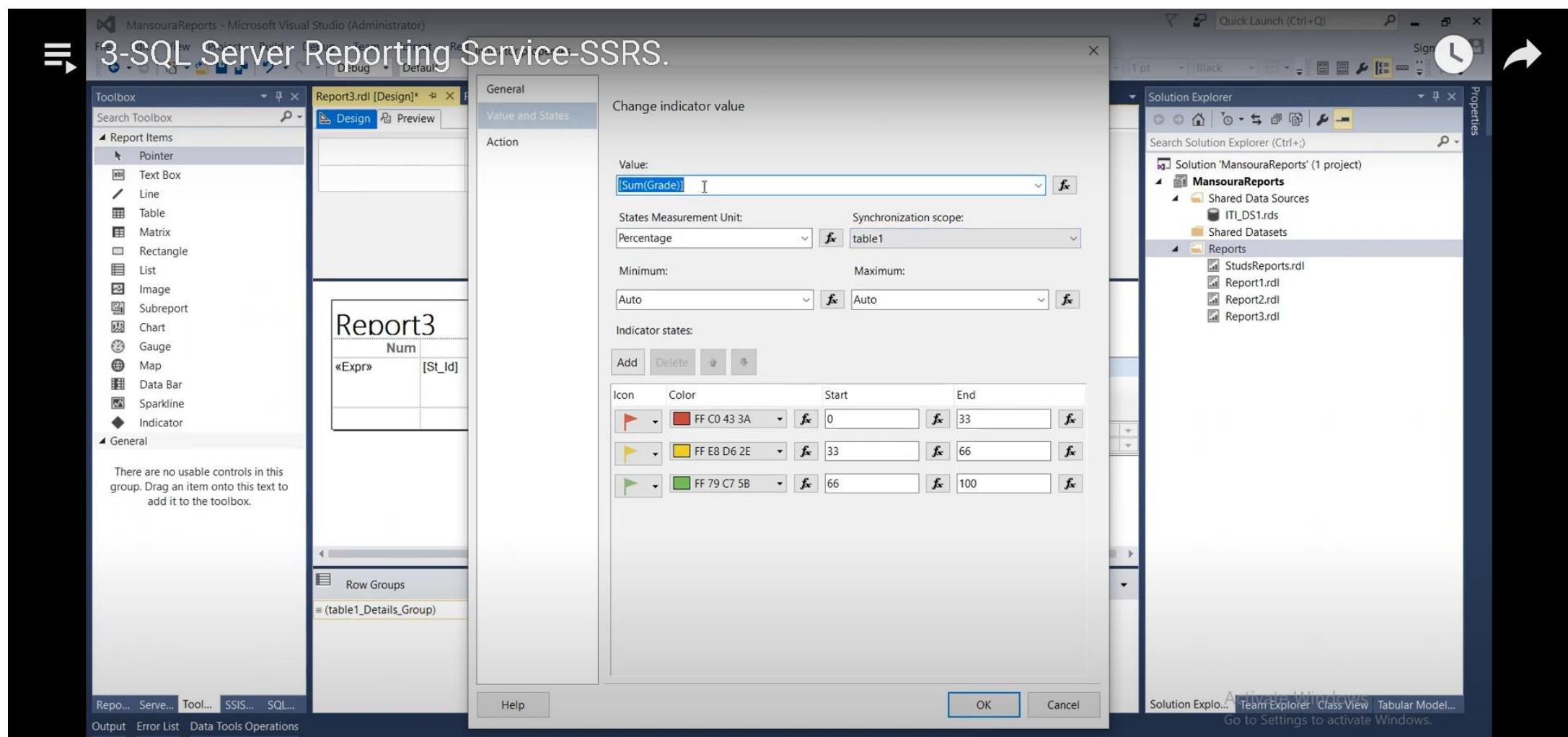
Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Report3.rdl

Activate Windows Go to Settings to activate Windows.

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



MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Format Report

Toolbox Report Items General

Report3.rdl [Design]* Design Preview

Report3

Num
Expr [St_Id]

Indicator properties

Indicator properties

General Value and States Action

Change indicator value

Value: `[Sum(Grade)]`

States Measurement Unit: Percentage Synchronization scope: table1

Minimum: Maximum:

Indicator states:

Add Delete

Icon	Color	Start	End
Red flag icon	FF C0 43 3A	0	33
Yellow flag icon	FF E8 D6 2E	33	66
Green flag icon	FF 79 C7 5B	66	100

OK Cancel Help

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Report3.rdl

Properties

Activate Windows Go to Settings to activate Windows.

Output Error List Data Tools Operations

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Format Report

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

Report3.rdl [Design]* Design Preview

Indicator properties

General Value and States Action

Change indicator value

Value: [Sum(Grade)] Synchronization scope: table1

States Measurement Unit: Percentage Percentage Numeric

Indicator states:

Icon	Color	Start	End
Red flag	FF C0 43 3A	0	33
Yellow flag	FF E8 D6 2E	33	66
Green flag	FF 79 C7 5B	66	100

OK Cancel Help

Solution Explorer Properties

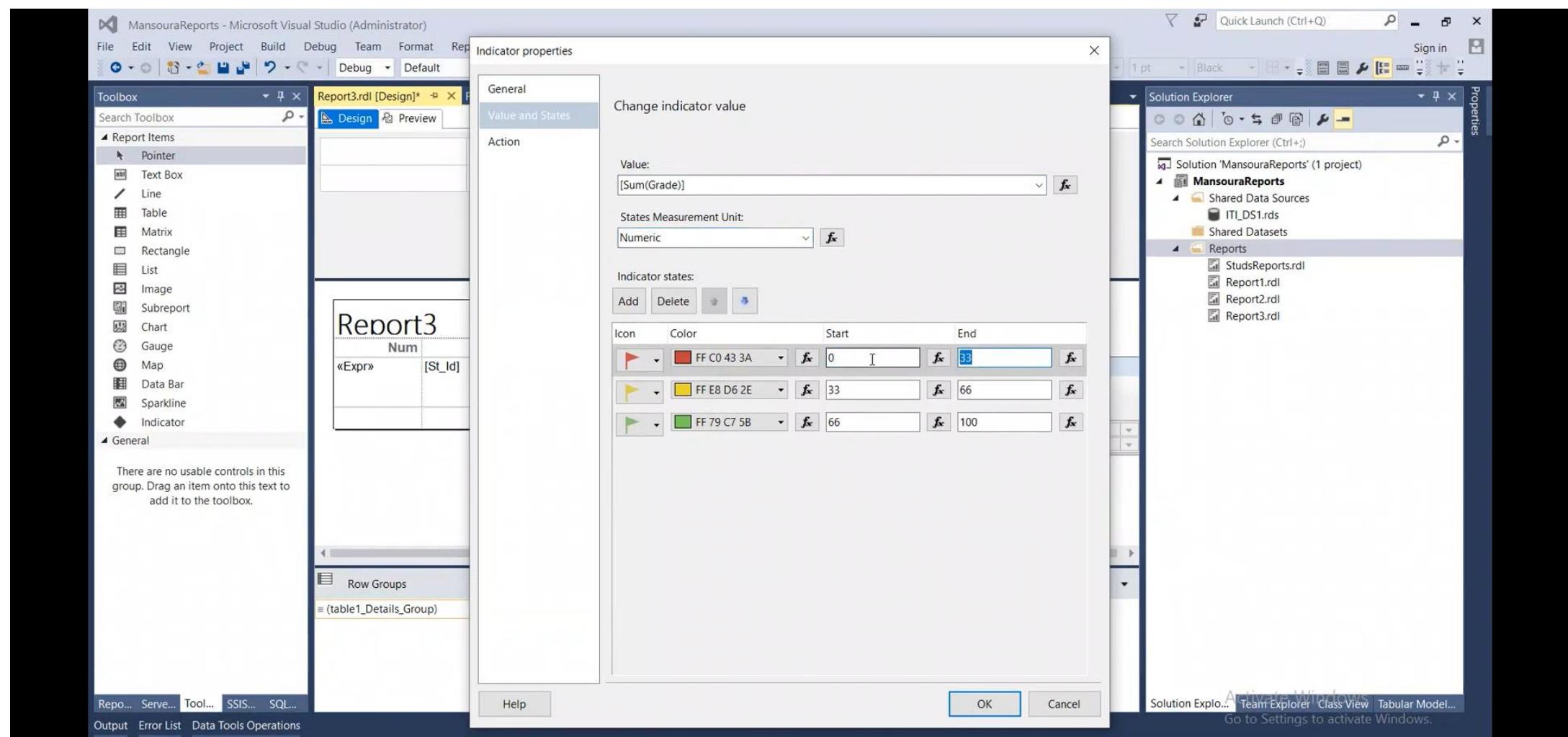
Search Solution Explorer (Ctrl+.)

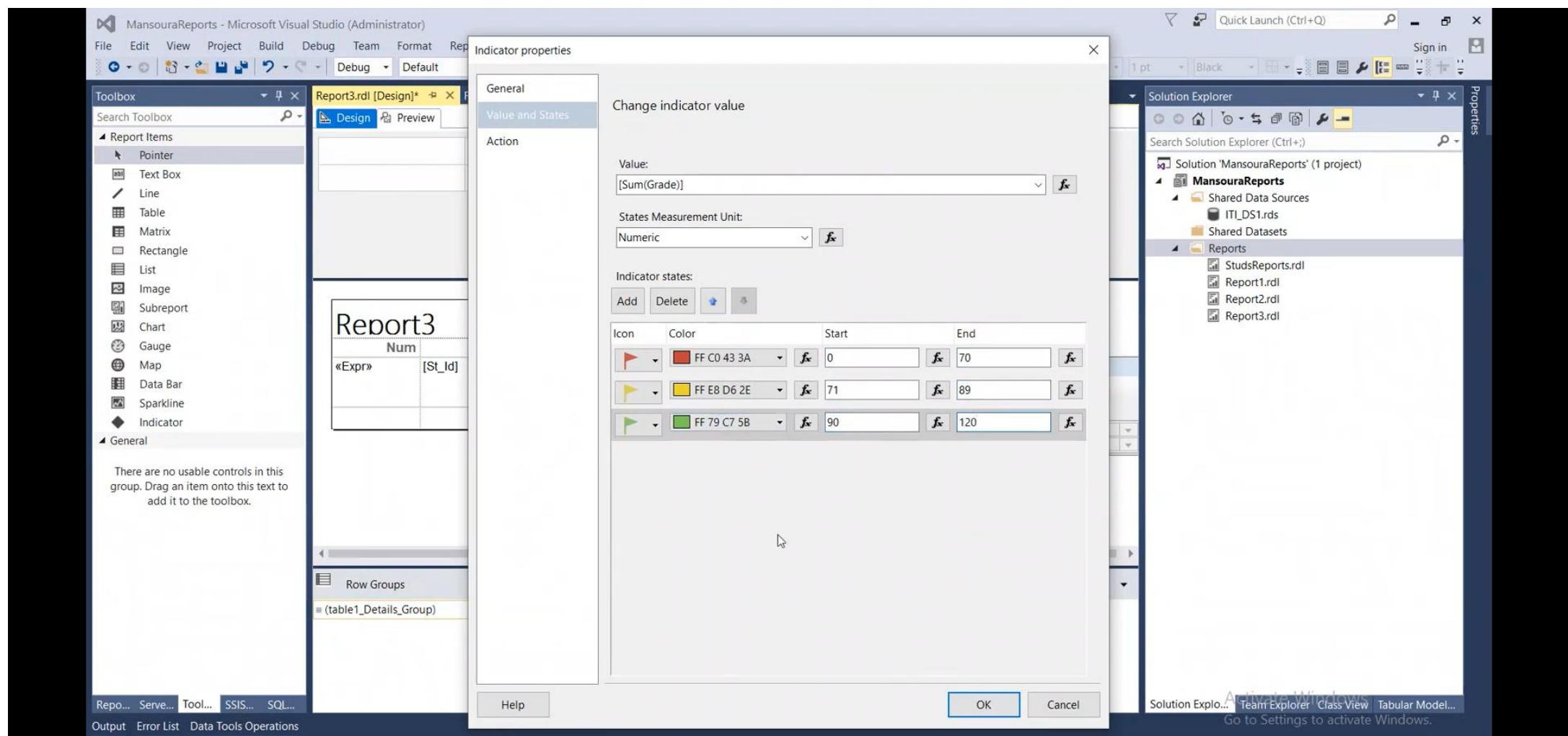
Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Report3.rdl

Activate Windows Go to Settings to activate Windows.

The screenshot shows the Microsoft Visual Studio interface for creating reports. The main window displays 'Report3.rdl [Design]*'. A context menu is open over a 'Text Box' control, with 'Indicator' selected. This has triggered the 'Indicator properties' dialog, which is currently on the 'Value and States' tab. In this dialog, the 'Value' is set to '[Sum(Grade)]'. The 'States Measurement Unit' dropdown is open, showing 'Percentage' as the selected option. The 'Synchronization scope' is set to 'table1'. Below these settings, the 'Indicator states' section contains three entries, each defined by an icon, a color swatch, and a range of values: a red flag for 0-33%, a yellow flag for 33-66%, and a green flag for 66-100%. The 'Solution Explorer' pane on the right shows the project structure under 'MansouraReports'. The 'Properties' pane is also visible on the far right. The status bar at the bottom right indicates 'Activate Windows'.





Toolbox

Search Toolbox

Report Items

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

General

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

Report3

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



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

Toolbox

Search Toolbox

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

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Report3

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



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.



3-SQL Server Reporting Service-SSRS.

Toolbox

Search Toolbox

Report Items

Pointer

Text Box

Line

Table

Matrix

Rectangle

List

Image

Subreport

Chart

Gauge

Map

Data Bar

Sparkline

Indicator

General

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

Repo... Servic... Tool... SSIS... SQL...

Report3

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



Quick Launch (Ctrl+Q)



Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

- ikaReports
- red Data Sources
- ITI_DS1.rds
- red Datasets
- orts
- StudsReports.rdl
- Report1.rdl
- Report2.rdl
- Report3.rdl

Add

Manage NuGet Packages...

Set as StartUp Project

Debug

Source Control

Cut

Paste

Remove

Rename

Unload Project

Properties

Alt+Enter

Solution Explor... Team Explorer Class View Tabular Model...
to the settings to activate Windows



3-SQL Server Reporting Service-SSRS.

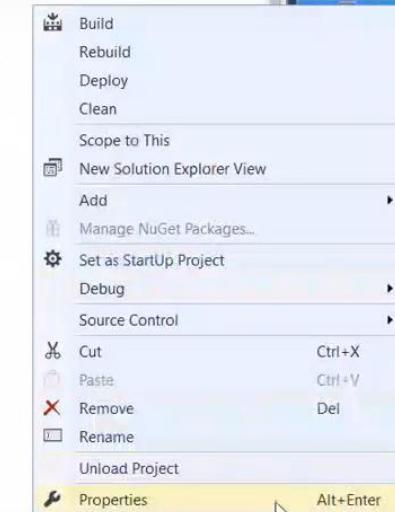
Toolbox

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

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

Report3

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



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

Solution Explorer Team Explorer Class View Tabular Model...

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 a report titled "Report3" in Design view. The report contains a table with columns: Num, St Id, St Fname, Crs Name, and Grade. The data is as follows:

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

The "Properties" window is open, showing the "MansouraReports Property Pages" dialog. The "StartItem" property is set to "Report1.rdl". Other properties include:

- Build**: ErrorLevel (2), OutputPath (bin\Debug)
- Debug**: StartItem (Report1.rdl)
- Deployment**: OverwriteDatasets (False), OverwriteDataSources (False), TargetDatasetFolder (Datasets), TargetDataSourceFolder (Data Sources), TargetReportFolder (MansouraReports), TargetReportPartFolder (Report Parts), TargetServerURL (http://localhost/ReportServer), TargetServerVersion (SQL Server 2016 or later)

The Solution Explorer shows a single project named "MansouraReports" containing a shared data source "ITI_DS1.rds" and a shared dataset "Shared Datasets".

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 titled "Report3" with a table containing student data. The table has columns: Num, St Id, St Fname, Crs Name, and Grade. The data is as follows:

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

A context menu is open over the last row (Fady, Java, 100), showing options like Cut, Copy, Paste, Insert Row Above, Insert Row Below, Delete Row, Insert Column, Insert Column Below, Delete Column, and Insert Placeholder.

The Solution Explorer on the right shows a project named "MansouraReports" with files "ITI_DS1.rds" and "Shared Datasets".

A "MansouraReports Property Pages" dialog box is open, showing configuration properties for "Report1.rdl". The "StartItem" is set to "Report1.rdl". Other settings include "Build" (ErrorLevel: 2, OutputPath: bin\Debug) and "Deployment" (DeploymentType: Report1.rdl).

At the bottom, there are tabs for "Repo...", "Serve...", "Tool...", "SSIS...", and "SQL...".

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 five rows of student data and corresponding smiley face icons based on their grade. To the right, a vertical stack of colored flags (green, green, red, red, yellow) is positioned next to each row. The Solution Explorer on the right shows the project structure under the 'MansouraReports' folder, including shared data sources, datasets, and reports like Report1.rdl, Report2.rdl, and Report3.rdl. The Output window at the bottom shows the deployment logs, indicating a successful build and deployment to a local host report server.

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

```
Show output from: Build
Skipping 'Report3.rdl'. Item is up to date.
Skipping 'Report3.rdl'. Item is up to date.
Build complete -- 0 errors, 0 warnings
----- Deploy started: Project: MansouraReports, Configuration: Debug -----
Deploying to http://localhost/ReportServer
Deploying data source '/Data Sources/ITI_DS1'.
Warning : Cannot deploy data source ITI_DS1 to the server because it already exists and OverwriteDataSources is not specified.
Deploying report '/MansouraReports/StudsReports'.
Deploying report '/MansouraReports/Report1'.
Deploying report '/MansouraReports/Report2'.
Deploying report '/MansouraReports/Report3'.
Deploy complete --
===== Build: 1 failed, 0 skipped =====
===== Deploy: 0 skipped =====
```

Activate Windows

Go to Settings to activate Windows.

3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

Toolbox

Search Toolbox

Report Items

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

General

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

Design Preview

Report3

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

Gauge Data

Σ Values

Indicator1 [Sum(Grade)]

Row Groups

(table1_Details_Group)

Column Groups

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

MansouraReports

- Shared Data Sources
- ITI_DS1.rds
- Shared Datasets

Report3

- Add New Report
- Add
- Properties Alt+Enter
- Grades.rdl

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

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

Output Error List Data Tools Operations



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 sales
```

Report Items

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

General

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

Report3

Num	St Id
«Expr»	[St_Id]

Row Groups

= (table1_Details_Group)

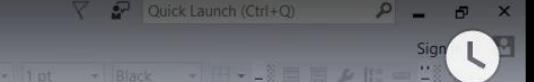
Help

< Back

Next >

Finish >>

Cancel



Solution Explorer

Search Solution Explorer (Ctrl + F)

Solution 'MansouraReports' (1 project)

 MansouraReports

 Shared Data Sources

 ITI_DS1.rds

 Shared Datasets

 Reports

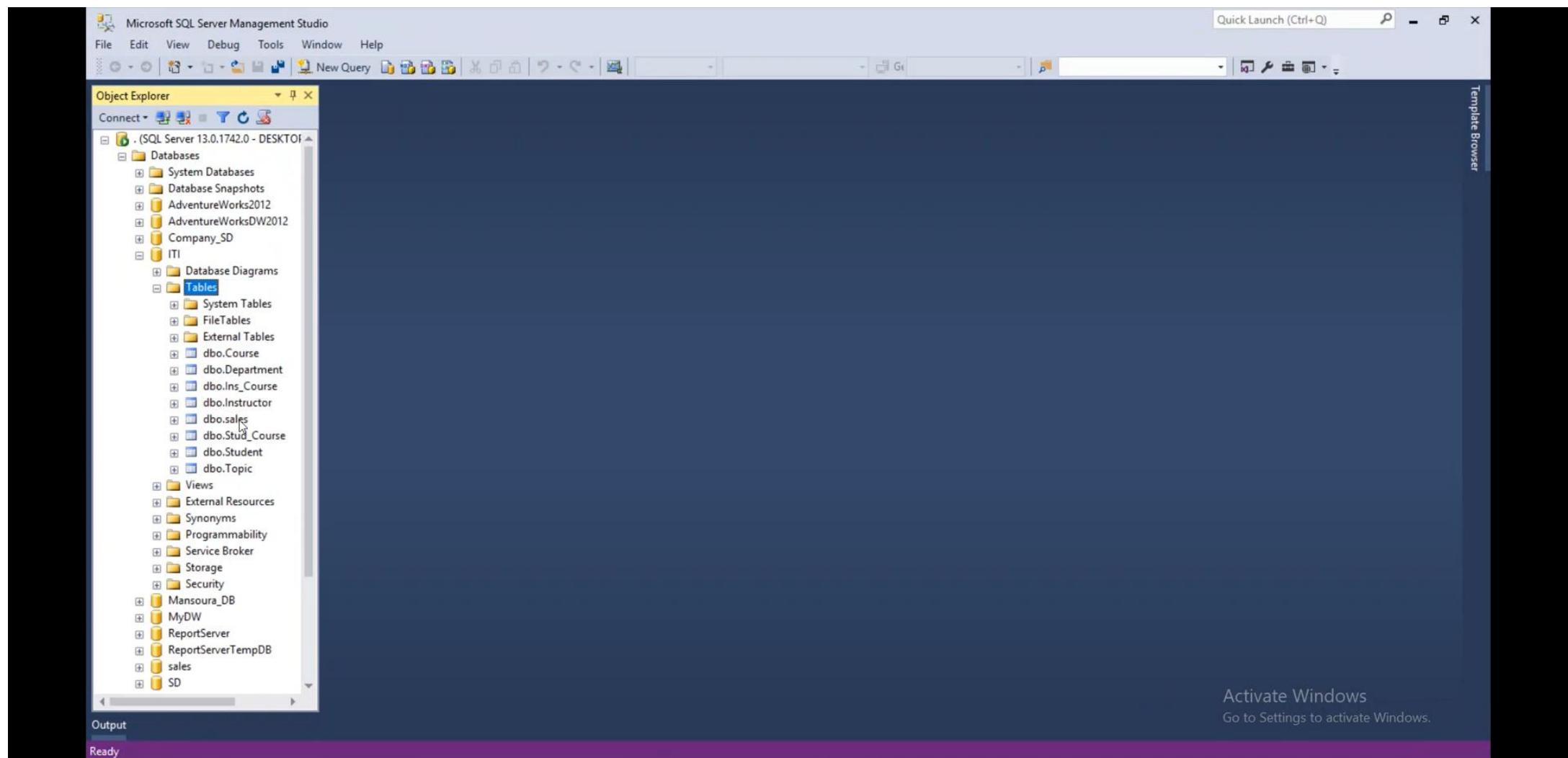
 StudsReports.rdl

 Report1.rdl

 Report2.rdl

 Grades.rdl





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

File Edit View Project Debug Query Designer Tools Window Help

New Query

Object Explorer

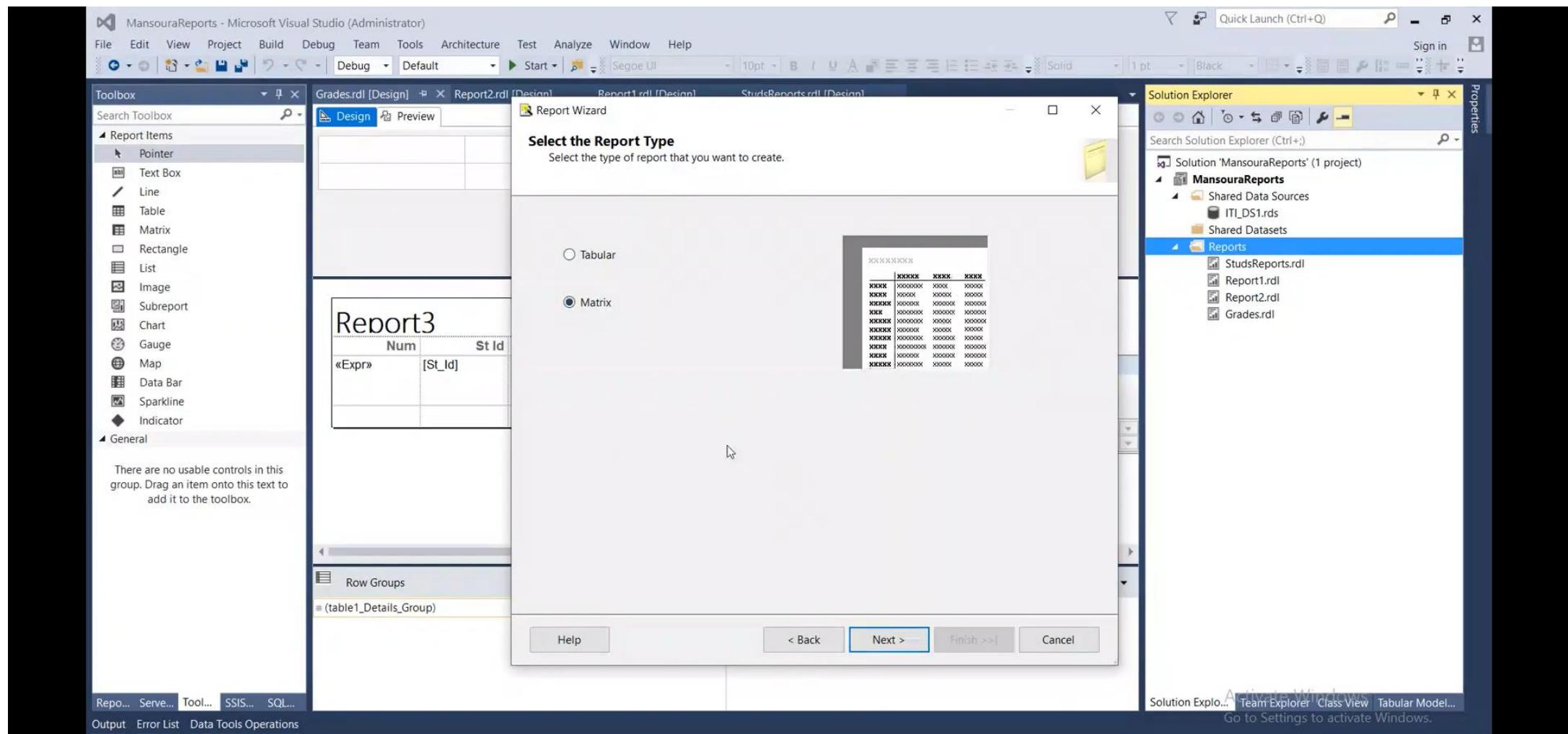
Connect . (SQL Server 13.0.1742.0 - DESKTOP-VF50P25) Databases System Databases Database Snapshots AdventureWorks2012 AdventureWorksDW2012 Company_SD ITI Database Diagrams Tables System Tables FileTables External Tables dbo.Course dbo.Department dbo.Ins_Course dbo.Instructor dbo.sales dbo.Stud_Course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

Properties Template Browser

DESKTOP-VF50P25.ITI - dbo.sales

ProductID	SalesmanName	Quantity
1	ahmed	10
1	khalid	20
1	ali	45
2	ahmed	15
1	ahmed	10
1	khalid	20
1	ali	45
1	ahmed	10
1	khalid	20
1	ali	45
2	ahmed	15
2	khalid	30
2	ali	20
3	ahmed	30
4	ali	80
1	ahmed	10
1	khalid	20
1	ali	45
2	ahmed	15
2	khalid	30
2	ali	20
1	ahmed	10
1	khalid	20
1	ali	45
2	ahmed	15
2	khalid	30
2	ali	20
1	ahmed	10
1	khalid	20
1	ali	45
2	ahmed	15
2	khalid	30
2	ali	20
3	ahmed	30

Activate Windows



3-SQL Server Reporting Service SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

File Project Tools View Team Debug Start Solid Help

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

Quick Launch (Ctrl+Q) Sign In

Design Preview Report Wizard

Design the Matrix
Choose the fields that you want to display in the matrix.

Available fields:

- ProductID
- SalesmanName
- Quantity

Displayed fields:

- Page >
- Columns >
- Rows >
- Details >

< Remove

Help < Back Next > Finish >> Cancel

Report3

Num	St Id
«Expr»	[St_Id]

Row Groups
=(table1_Details_Group)

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

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

Solution Explorer

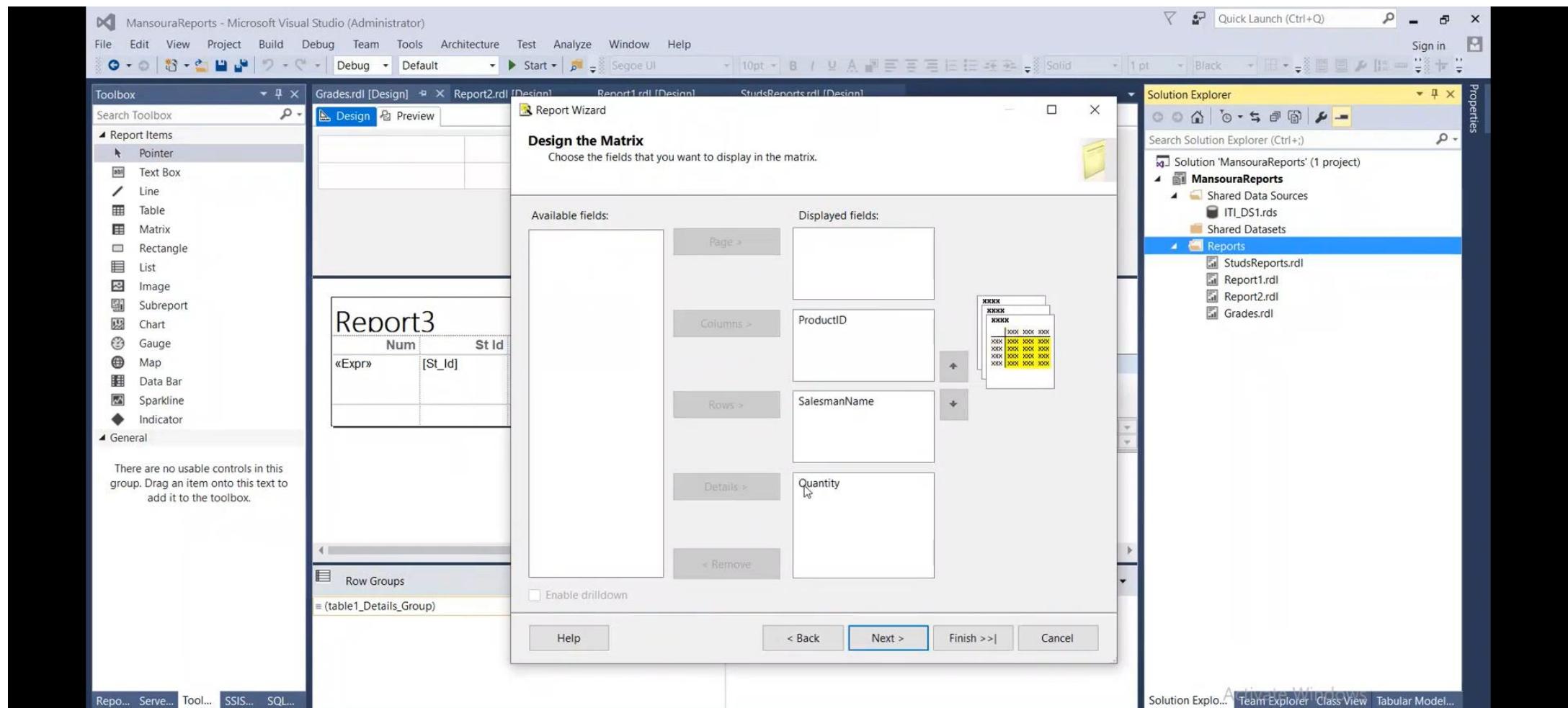
Search Solution Explorer (Ctrl+.)

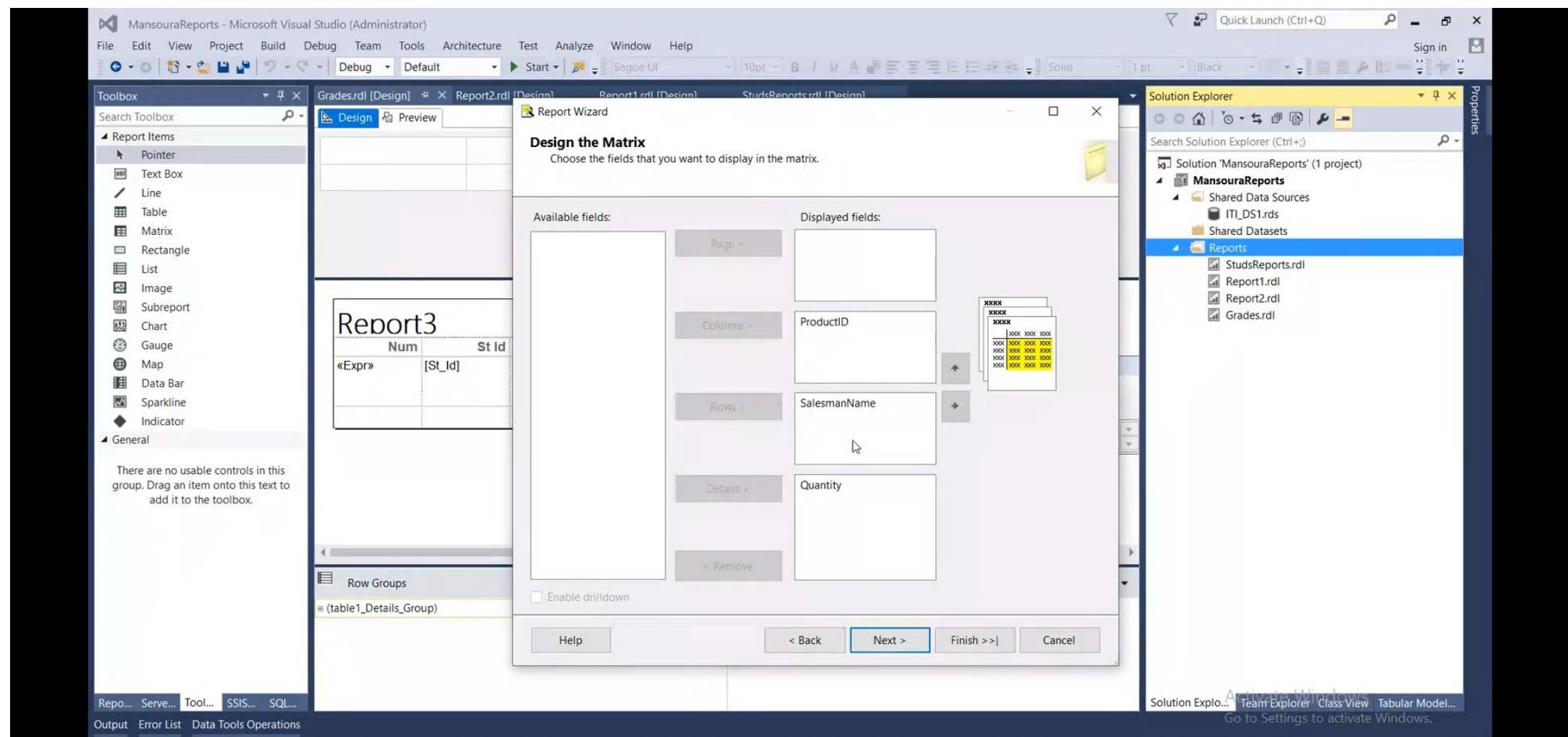
- Solution 'MansouraReports' (1 project)
 - MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl

Properties

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

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





Toolbox

Search Toolbox

Report Items

- Pointer
- Text Box
- Line
- Table
- Matrix
- Rectangle
- List
- Image
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- Sparkline
- Indicator

General

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

Design Preview

Report Wizard

Completing the Wizard

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

Report name: Report3

Report summary:

Data source: ITI_DS1

Connection string:

Report type: Matrix

Style: Modern

Column: ProductID

Row: SalesmanName

Details: Quantity

Query: select * from sales

Preview report

Help < Back Next > Finish Cancel

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

- MansouraReports
 - Shared Data Sources
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 - Grades.rdl

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

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

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]' view, which contains a matrix control named 'matrix1'. The matrix has one row group labeled 'matrix1_SalesmanName' and one column group labeled 'matrix1_ProductID'. The matrix cells contain fields like 'ProductID', 'SalesmanName', and 'Sum(Quantity)'. The 'Toolbox' on the left lists various report items such as Text Box, Line, Table, Matrix, Rectangle, List, Image, Subreport, Chart, Gauge, Map, Data Bar, Sparkline, and Indicator. The 'Solution Explorer' on the right shows a project named 'MansouraReports' containing files like 'ITI_DS1.rds', 'Shared Datasets', 'Reports' (which contains 'StudsReports.rdl', 'Report1.rdl', 'Report2.rdl', 'Grades.rdl', and 'Report3.rdl'), and 'Shared Data Sources'. The status bar at the bottom includes links for 'Repo...', 'Serve...', 'Tool...', 'SSIS...', 'SQL...', 'Output', 'Error List', 'Data Tools Operations', 'Activate Windows', 'Team Explorer', 'Class View', 'Tabular Model...', and 'Go to Settings to activate Windows.'

Toolbox

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

Search Toolbox

Report Items

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

General

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

Design Preview

1 of 1 100% Find | Next

Report3

	1	2	3	4
ahmed	130	160	150	
ali	460	170		330
khalid	170	190	30	90

Solution Explorer

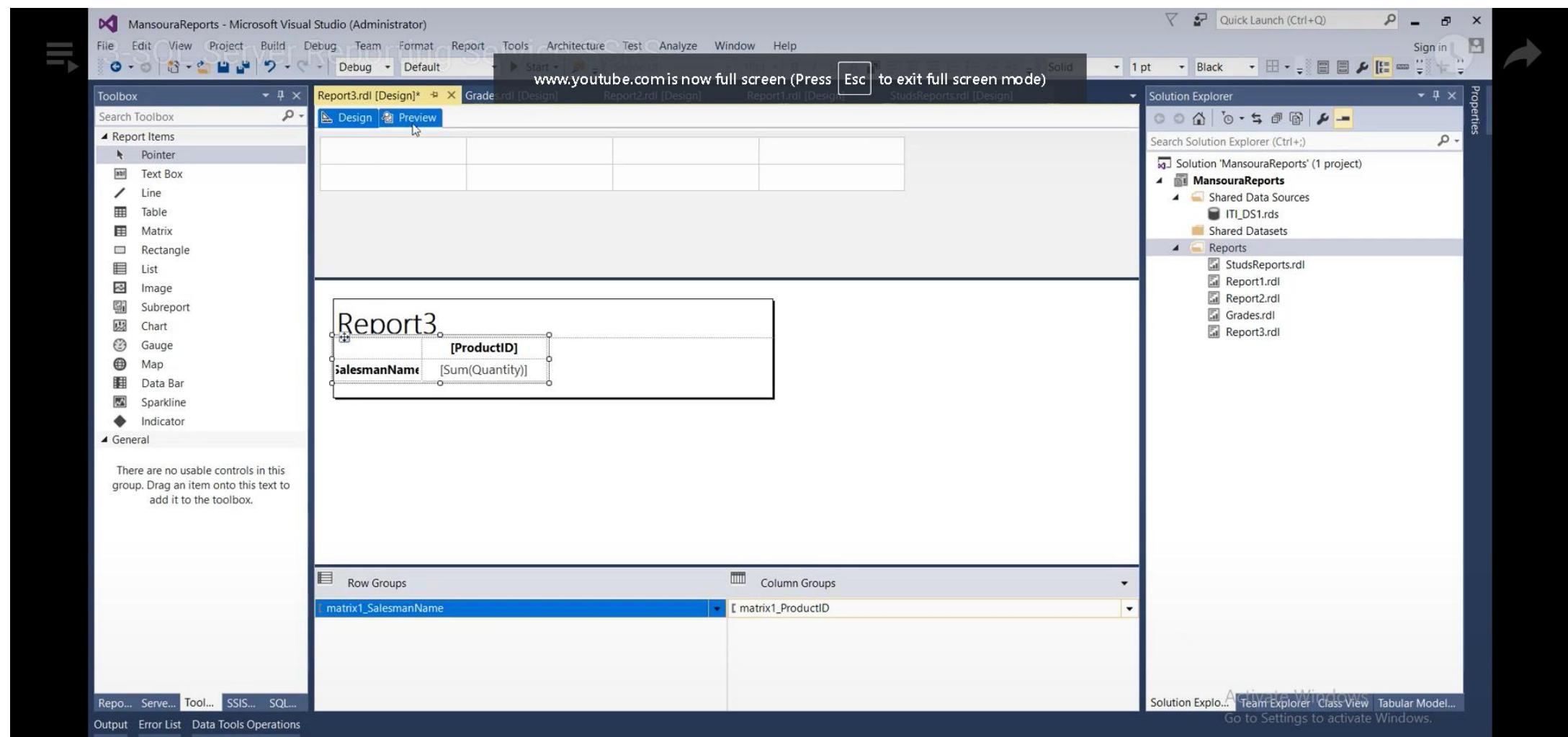
Search Solution Explorer (Ctrl+.)

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

Properties

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

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



MansouraReports - Microsoft Visual Studio (Administrator)

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

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

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

Design Preview 1 of 1 100% Find Next

Report3

	1	2	3	4
ahmed	130	160	150	
ali	460	170		330
khalid	170	190	30	90

Solution Explorer

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

Error List

Entire Solution 0 Errors 10 Warnings 0 Messages Build + IntelliSense

Code	Description	Project	File	Line	Suppression State
[rsInvalidColor]	The value of the Color property for the textrun 'St_Fname.Paragraphs[0].TextRuns[0]' is "No Color", which is not a valid Color.	Report3.rdl	0		
[rsInvalidColor]	The value of the Color property for the textrun 'Textbox11.Paragraphs[0].TextRuns[0]' is "No Color", which is not a valid Color.	Report3.rdl	0		
[rsInvalidColor]	The value of the BackgroundColor property for the text box 'St_Id' is "No Color", which is not a valid BackgroundColor.	Report3.rdl	0		
[rsInvalidColor]	The value of the Color property for the textrun 'Crs_Name.Paragraphs[0].TextRuns[0]' is "No Color", which is not a valid Color.	Report3.rdl	0		
[rsInvalidColor]	The value of the BackgroundColor property for the text box 'Textbox11' is "No Color", which is not a valid BackgroundColor.	Report3.rdl	0		
[rsInvalidColor]	The value of the BackgroundColor property for the text box 'Grade' is "No Color", which is not a valid BackgroundColor.	Report3.rdl	0		
[rsInvalidColor]	The value of the BackgroundColor property for the text box 'Crs_Name' is "No Color", which is not a valid BackgroundColor.	Report3.rdl	0		
[rsInvalidColor]	The value of the Color property for the textrun 'St_Id.Paragraphs[0].TextRuns[0]' is "No Color", which is not a valid Color.	Report3.rdl	0		
[rsInvalidColor]	The value of the Color property for the textrun 'Grade.Paragraphs[0].TextRuns[0]' is "No Color", which is not a valid Color.	Report3.rdl	0		
[rsInvalidColor]	The value of the BackgroundColor property for the text box 'St_Fname' is "No Color", which is not a valid BackgroundColor.	Report3.rdl	0		

Output Error List Data Tools Operations Ready Publish

Activate Windows Go to Settings to activate Windows.

MansouraReports - Microsoft Visual Studio (Administrator)

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

Quick Launch (Ctrl+Q) Sign in

Toolbox Search Toolbox Report Items Pointer Text Box Line Table Matrix Rectangle List Image Subreport Chart Gauge Map Data Bar Sparkline Indicator General There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

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

Design Preview 1 Design a Report 100% Find | Next

Report3

	1	2	3	4
ahmed	130	160	150	
ali	460	170		330
khalid	170	190	30	90

Solution Explorer Properties

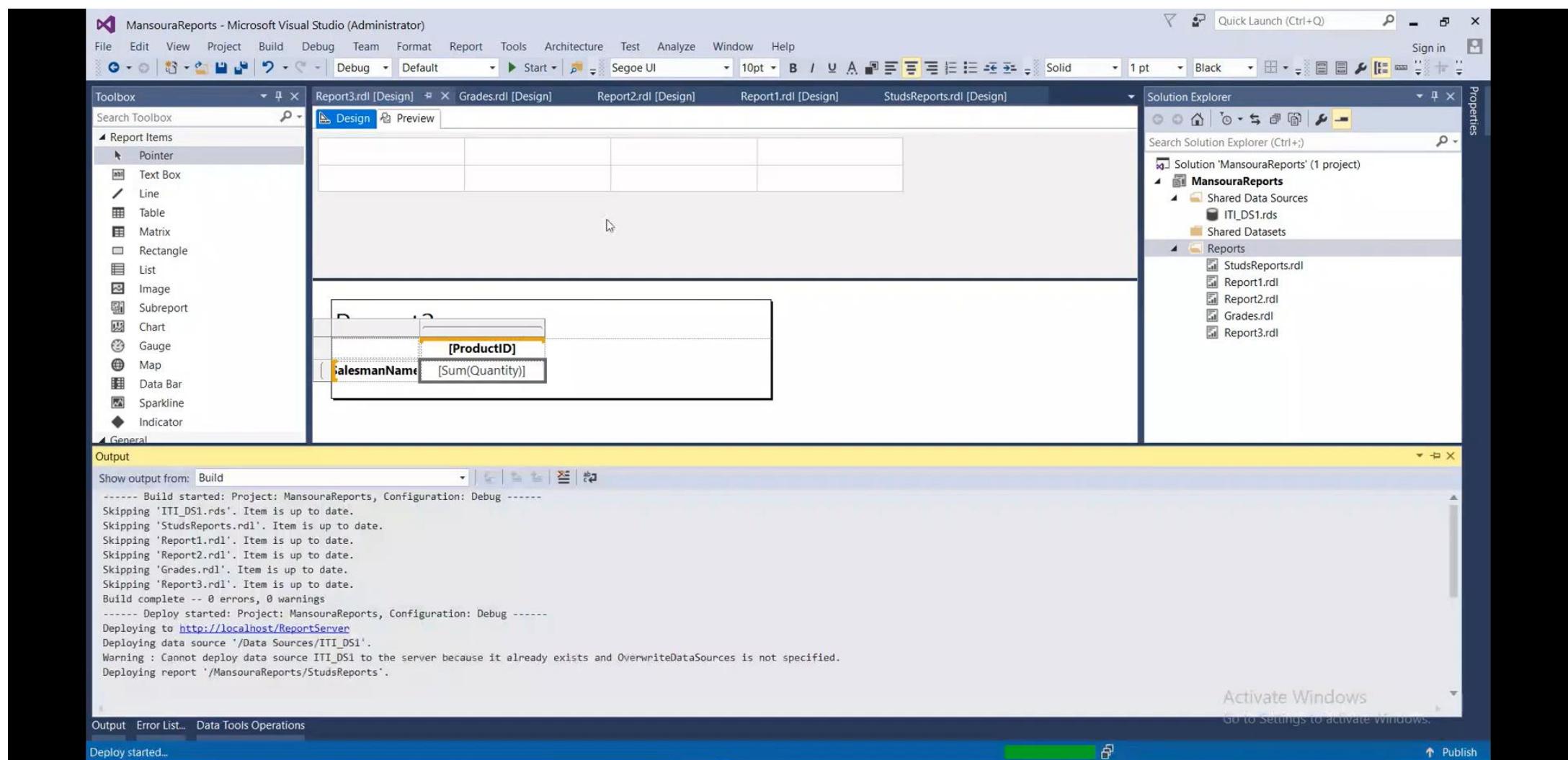
Search Solution Explorer (Ctrl+.)

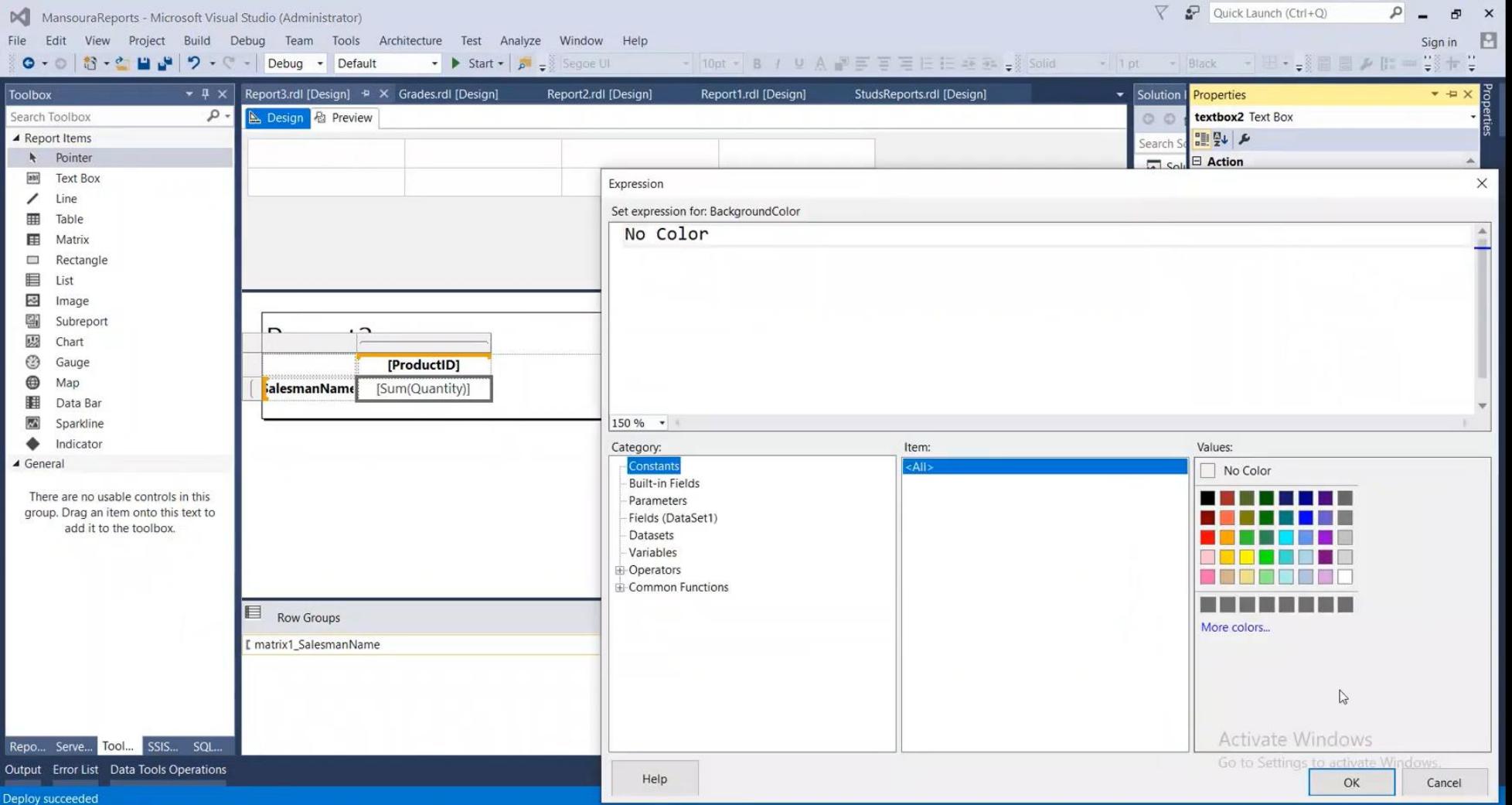
Solution 'MansouraReports' (1 project)

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

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

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





3-SQL Server Reporting Service-SSRS.

Design Preview

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

Properties

textbox2 Text Box

Set expression for: BackgroundColor

=iif(Sum(Fields!Quantity.Value)>=300,"yellow","No Color")

Expression

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

Item: <All>

Values: ProductID, SalesmanName, Quantity

Row Groups: matrix1_SalesmanName

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

Deploy succeeded

Activate Windows
Go to Settings to activate Windows.

OK Cancel

The screenshot shows the Microsoft Visual Studio interface for developing SQL Server Reporting Services (SSRS) reports. The main area displays the 'Design' view of a report named 'Report3.rdl'. A matrix control is present on the page, with its columns labeled '[ProductID]', '[SalesmanName]', and '[Sum(Quantity)]'. The properties pane on the right is open, specifically the 'BackgroundColor' property for a text box. The expression for this property is set to =iif(Sum(Fields!Quantity.Value)>=300,"yellow","No Color"). Below the expression editor, the 'Category' dropdown shows 'Fields (DataSet1)' selected, and the 'Values' list on the right includes 'ProductID', 'SalesmanName', and 'Quantity'. The left side of the screen features the 'Toolbox' with various report items like Text Box, Line, Table, etc., and the 'Row Groups' section which lists 'matrix1_SalesmanName'. The status bar at the bottom indicates a successful deployment ('Deploy succeeded').

3-SQL Server Reporting Service-SSRS.

Toolbox

Report Items

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

General

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

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

Design Preview

Expression

Set expression for: BackgroundColor

```
=iif(Sum(Fields!Quantity.Value)>=300,"yellow","No Color")
```

Category: Item: Values:

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

Row Groups

matrix1_SalesmanName

Help

OK Cancel

Activate Windows
Go to Settings to activate Windows.

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

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 [Design].

Toolbox: On the left, the Toolbox is open under the 'Report Items' category, showing various controls like Pointer, Text Box, Line, Table, Matrix, Rectangle, List, Image, Subreport, Chart, Gauge, Map, Data Bar, Sparkline, and Indicator. A note at the bottom of the toolbox states: "There are no usable controls in this group. Drag an item onto this text to add it to the toolbox."

Solution Explorer: On the right, the Solution Explorer shows the project structure for 'MansouraReports'. It includes a 'Shared Data Sources' folder containing 'ITI_DS1.rds', a 'Shared Datasets' folder, and a 'Reports' folder containing five report files: 'StudsReports.rdl', 'Report1.rdl', 'Report2.rdl', 'Grades.rdl', and 'Report3.rdl'. The 'Report3.rdl' file is currently selected.

Report Design View: The central area shows the report 'Report3' with a table structure. The table has four columns labeled 1, 2, 3, and 4. The data rows are 'ahmed', 'ali', and 'khalid'. The cell for 'ali' in column 4 is highlighted with a yellow background.

	1	2	3	4
ahmed	130	160	150	
ali	460	170		330
khalid	170	190	30	90

Status Bar: At the bottom, the status bar shows links for 'Solution Explorer', 'Team Explorer', 'Class View', 'Tabular Model...', and a note: 'Go to Settings to activate Windows...'. There is also a 'Windows' button icon.

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 matrix structure with columns for SalesmanName, ProductID, and Sum(Quantity). A context menu is open over the 'ProductID' column header, with the 'Insert Column' option selected. The 'Insert Column' submenu is visible, showing options like 'Inside Group - Left' (which is highlighted), 'Delete Columns', 'Add Group', 'Column Group', 'Column Visibility...', and 'Tablix Properties...'. The 'Solution Explorer' pane on the right shows a project named 'MansouraReports' containing several reports and shared data sources. The 'Toolbox' pane on the left lists various report items such as Text Box, Line, Table, Matrix, Rectangle, List, Image, Subreport, Chart, Gauge, Map, Data Bar, Sparkline, and Indicator. The bottom status bar includes links for 'Repo...', 'Serve...', 'Tool...', 'SSIS...', 'SQL...', 'Output', 'Error List', and 'Data Tools Operations', along with activation information for Windows.

MansouraReports - Microsoft Visual Studio (Administrator)

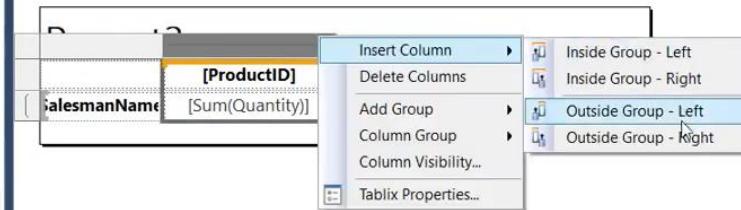
- Report Items
 - Pointer
 - Text Box
 - Line
 - Table
 - Matrix
 - Rectangle
 - List
 - Image
 - Subreport
 - Chart
 - Gauge
 - Map
 - Data Bar
 - Sparkline
 - Indicator
- General

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

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

Design Preview

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Row Groups

matrix1_SalesmanName

Column Groups

matrix1_ProductID

Activate Windows
Go to Settings to activate Windows.

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

Output Error List Data Tools Operations

Quick Launch (Ctrl+Q)



Solution Explorer

Search Solution Explorer (Ctrl+F)

Solution 'MansouraReports' (1 project)

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

Properties



3-SQL Server Reporting Service-SSRS.

Report Items

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

General

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

Design Preview

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

Solution Explorer

Search Solution Explorer (Ctrl+.)

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

Properties

Row Groups Column Groups

matrix1_SalesmanName matrix1_ProductID

Insert Row > Inside Group - Above
Delete Rows
Add Group > Outside Group - Above
Row Group > Outside Group - Below
Row Visibility...
Tablix Properties...

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

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

MansouraReports - Microsoft Visual Studio (Administrator)

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 matrix control with three columns. The first column contains a header 'SalesmanName' and a data item '[Sum(Quantity)]'. The second column contains a header 'ProductID' and a data item 'SalesmanName'. The third column contains a header 'Quantity' and a data item 'Quantity'. A tooltip for 'Quantity' is visible. The 'Toolbox' on the left lists various report items like Text Box, Line, Table, Matrix, Rectangle, List, Image, Subreport, Chart, Gauge, Map, Data Bar, Sparkline, and Indicator. The 'Solution Explorer' on the right shows a project named 'MansouraReports' containing 'ITI_DS1.rds', 'Shared Datasets', and 'Reports' folder with files 'StudsReports.rdl', 'Report1.rdl', 'Report2.rdl', 'Grades.rdl', and 'Report3.rdl'. The bottom status bar includes links for 'Repo...', 'Serve...', 'Tool...', 'SSIS...', 'SQL...', 'Output', 'Error List', 'Data Tools Operations', 'Activate Windows', 'Team Explorer', 'Class View', 'Tabular Model...', and 'Go to Settings to activate Windows.'

MansouraReports - Microsoft Visual Studio (Administrator)

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

Debug Default Start Segoe UI 10pt Solid 1 pt Black

Toolbox

Search Toolbox

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

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

--	--	--	--

SalesmanName	[ProductID]	Quantity
	[Sum(Quantity)]	Sum(Quantity)
Total	[Sum(Quantity)]	Sum(Quantity)

Row Groups	Column Groups
matrix1_SalesmanName	matrix1_ProductID

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

Output Error List Data Tools Operations

Ready

Quick Launch (Ctrl+Q)

Sign in

Solution Explorer

Search Solution Explorer (Ctrl+F)

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

Properties

Activate Windows

Team Explorer Class View Tabular Model...

Go to Settings to activate Windows.

Publish

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 Properties

Toolbox

Search Toolbox

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

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

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

Design Preview

--	--	--	--

SalesmanName	[ProductID]	Quantity
Total	[Sum(Quantity)]	Sum(Quantity)

Row Groups

matrix1_SalesmanName

Column Groups

matrix1_ProductID

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

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

Output Error List Data Tools Operations

3-SQL Server Reporting Service-SSRS.

The screenshot shows the Microsoft Visual Studio interface for developing SQL Server Reporting Services (SSRS) reports. The main window displays the 'Design' view of Report3.rdl [Design]. A matrix control is visible on the report surface, containing three columns: 'SalesmanName', '[ProductID]', and 'Quantity'. The 'Quantity' column is highlighted with a yellow background color. The 'Properties' panel on the right is open, showing the 'Fill' section where 'BackgroundColor' is set to 'Yellow'. The 'Toolbox' on the left lists various report items like Text Box, Line, Table, Matrix, etc. The bottom navigation bar includes links for Repository, Server Explorer, Tools, SSIS, SQL, Output, Error List, Data Tools Operations, and Publish.

Report Items

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

General

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

Row Groups

matrix1_SalesmanName

Column Groups

matrix1_ProductID

Properties

Alignment

- Padding: 2pt, 2pt, 2pt, 2pt
- SpaceAfter
- SpaceBefore
- Indent
- TextAlign: Center
- VerticalAlign: Default

Border

- BorderColor: LightGrey
- BorderStyle
- BorderWidth: 1pt

Data Only

- DataElementName
- DataElementOutput: Auto
- DataElementStyle: Auto

Fill

- BackgroundColor: Yellow
- BackgroundImage: No Color
- Font
- Color
- LineHeight
- Font
- General
- CanGrow
- CanShrink
- ToolTip
- Lists
- ListLevel
- ListStyle
- Localization
- Calendar
- BackgroundColor: Default

Localization

BackgroundImage

BackgroundColor

Specifies the background color of the item.

Go to Settings to activate Windows.



3-SQL Server Reporting Service SSRS.

File Edit View Insert Tools Analyze Window Help

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

Toolbox Search Toolbox

Report Items

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

General

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

Design Preview

Report3

	[ProductID]	Quantity
SalesmanName	[Sum(Quantity)]	Sum(Quantity)
Total	[Sum(Quantity)]	Sum(Quantity)

Row Groups Column Groups

matrix1_SalesmanName matrix1_ProductID

Solution Explorer

Search Solution Explorer (Ctrl+.)

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

Properties

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

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

MansouraReports - Microsoft Visual Studio (Administrator)

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 [Design].

Toolbox: On the left, the Toolbox is open under the 'Report Items' category, showing various report item types like Pointer, Text Box, Line, Table, Matrix, etc.

Solution Explorer: On the right, the Solution Explorer shows the project structure for 'MansouraReports'. It includes a 'Shared Data Sources' folder containing 'ITI_DS1.rds', a 'Shared Datasets' folder, and a 'Reports' folder containing five reports: 'StudsReports.rdl', 'Report1.rdl', 'Report2.rdl', 'Grades.rdl', and 'Report3.rdl'. 'Report3.rdl' is currently selected.

Report Design View: The central area shows the report structure. The report title is 'Report3'. Below it is a table with the following data:

	1	2	3	4	Quantity
ahmed	130	160	150		440
ali	460	170		330	960
khalid	170	190	30	90	480
Total	760	520	180	420	1880

Error List: At the bottom, the Error List shows one warning: '[rsInvalidColor] The value of the BackgroundColor property for the text box 'textbox2' is "No Color", which is not a valid BackgroundColor.' This warning is associated with Report3.rdl at line 0.

Activate Windows
For a free trial, go to www.microsoft.com/activatenow

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]' report, which contains a matrix with two columns: 'ProductID' and 'Quantity'. The matrix has a single row group by 'SalesmanName' and a single column group by 'ProductID'. The 'Chart' item is selected in the toolbox, indicating it is the active control being used or considered for the report design.

Toolbox:

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

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

Report3.rdl [Design] Content:

	[ProductID]	Quantity
SalesmanName	[Sum(Quantity)]	Sum(Quantity)
Total	[Sum(Quantity)]	Sum(Quantity)

Row Groups: matrix1_SalesmanName

Column Groups: matrix1_ProductID

Solution Explorer:

- Solution 'MansouraReports' (1 project)
 - MansouraReports
 - Shared Data Sources
 - ITL_DS1.rds
 - Shared Datasets
 - Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Report3.rdl**

Activate Windows
Go to Settings to activate Windows.



3-SQL Server Reporting Service-SSRS.

Report3.rdl [Design] * X

Design Preview

Toolbox

Report Items

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

General

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

Report3

SalesmanName	[Sum]
Total	[Sum]

Row Groups

matrix1_SalesmanName

Column

Line

Bar

Area

Range

Scatter

Polar

OK Cancel

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

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

Properties

Quick Launch (Ctrl+Q) Sign In

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

3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Tools Project Reports Debug Default

Toolbox Report Items Report3.rdl [Design]* Design Preview

Report3

SalesmanName [Sum]
Total [Sum]

Row Groups matrix1_SalesmanName

Column Line Shape Bar Area Range Scatter Polar

OK Cancel

Output Error List Data Tools Operations

Activate Windows Go to Settings to activate Windows. Publish

Quick Launch (Ctrl+Q) Sign In

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

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

Properties

This screenshot shows the Microsoft Visual Studio interface for developing SQL Server Reporting Services (SSRS) reports. The main window displays the 'Report3.rdl [Design]*' view, which contains a single matrix control named 'matrix1_SalesmanName'. The matrix has 'SalesmanName' in the rows and 'Total' in the columns. The toolbox on the left is open, showing various chart types under the 'Shape' category. The 'Shape' category is currently selected. The 'Solution Explorer' on the right shows a project named 'MansouraReports' containing several reports and shared data sources. The 'Properties' window is also visible on the far right. The status bar at the bottom provides activation information and publishing options.

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 pie chart with six categories and a matrix below it. The toolbox on the left lists various report items like Text Box, Line, Table, Matrix, Rectangle, List, Image, Subreport, Chart, Gauge, Map, Data Bar, Sparkline, and Indicator. The solution explorer on the right shows a project named 'MansouraReports' containing shared data sources, datasets, and reports. The reports folder contains files for 'StudsReports.rdl', 'Report1.rdl', 'Report2.rdl', 'Grades.rdl', and 'Report3.rdl'. The properties window is visible on the far right.

Toolbox

Report Items

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

General

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

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

Design Preview

Solid 1 pt Black

8pt B A

Report3.rdl [Design]

Σ Values

Category Groups (Details)

Series Groups

Row Groups

matrix1_SalesmanName

Column Groups

matrix1_ProductID

Solution Explorer

Search Solution Explorer (Ctrl+F)

Solution 'MansouraReports' (1 project)

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

Properties

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

Output Error List Data Tools Operations

Activating Windows

Go to Settings to activate Windows.

MansouraReports - Microsoft Visual Studio (Administrator)



3-SQL Server Reporting Service-SSRS.

Report Data

New Edit... ▾ ▾

Report3.rdl [Design]* ▾ X Grades.rdl [Design] Report2.rdl [Design] Report1.rdl [Design] StudsReports.rdl [Design]

Design Preview

Built-in Fields

- Parameters
- Images
- Data Sources
- Datasets
- DataSet1
 - ProductID
 - SalesmanName
 - Quantity

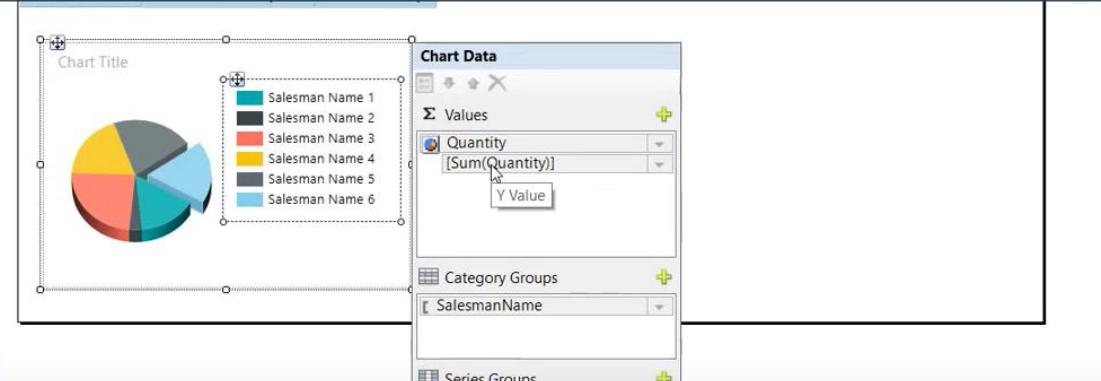


Chart Title

Chart Data

Σ Values

Quantity [Sum(Quantity)] Y Value

Category Groups

SalesmanName

Series Groups

Row Groups	Column Groups
matrix1_SalesmanName	matrix1_ProductID

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

MansouraReports

- Shared Data Sources
 - ITI_DS1.rds
- Shared Datasets
- Reports
 - StudsReports.rdl
 - Report1.rdl
 - Report2.rdl
 - Grades.rdl
 - Report3.rdl

Activate Windows

Go to Settings to activate Windows.

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

Output Error List Data Tools Operations



3-SQL Server Reporting Service-SSRS.

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

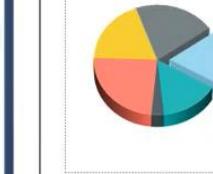
There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Report3.rdl [Design]*

Design Preview

SalesmanName [Sum]
Total [Sum]

Chart Title



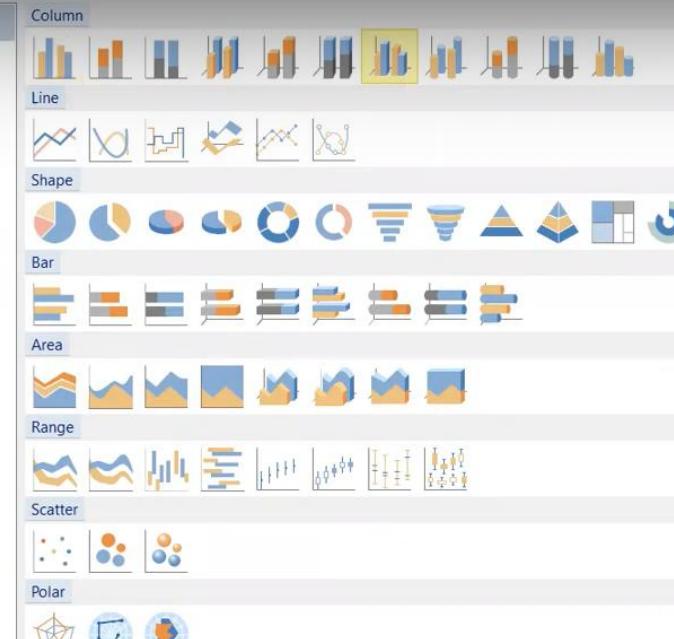
Row Groups

[matrix1_SalesmanName]

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

Output Error List Data Tools Operations

Column
Line
Shape
Bar
Area
Range
Scatter
Polar



OK Cancel

Quick Launch (Ctrl+Q) Sign In

Solution Explorer

Search Solution Explorer (Ctrl+F)
Solution 'MansouraReports' (1 project)
MansouraReports
Shared Data Sources
ITI_DS1.rds
Shared Datasets
Reports
StudsReports.rdl
Report1.rdl
Report2.rdl
Grades.rdl
Report3.rdl

Activate Windows Team 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 two charts: a pie chart titled "Chart Title" showing sales distribution by salesman, and a bar chart titled "Chart Title" showing quantity by product ID. The pie chart legend includes Salesman Name 1 through 6. The bar chart data shows quantity for products ID A through ID F. The "Chart Data" pane on the right provides details on the chart's data source, which is a sum of quantity grouped by ProductID. The report design view shows a matrix structure with Row Groups for "matrix1_SalesmanName" and Column Groups for "matrix1_ProductID". The Solution Explorer on the right lists the project "MansouraReports" containing shared data sources, datasets, and reports like "Report1.rdl", "Report2.rdl", "Grades.rdl", and "Report3.rdl".

SQL Server Object Explorer

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

Design Preview

SQL Server

(localdb)\MSSQLLocalDB (SQ (localdb)\ProjectsV13 (SQL Se Projects - MansouraReports

Chart Title

Salesman Name 1
Salesman Name 2
Salesman Name 3
Salesman Name 4
Salesman Name 5
Salesman Name 6

Chart Title

Quantity

Product ID A Product ID B Product ID C Product ID D Product ID E Product ID F

Chart Data

Σ Values

Quantity [Sum(Quantity)]

Category Groups

ProductID

Series Groups

Row Groups

matrix1_SalesmanName

Column Groups

matrix1_ProductID

Solution Explorer

Search Solution Explorer (Ctrl+F)

Solution 'MansouraReports' (1 project)

MansouraReports

Shared Data Sources

ITI_DS1.rds

Shared Datasets

Reports

StudsReports.rdl

Report1.rdl

Report2.rdl

Grades.rdl

Report3.rdl

Output Error List Data Tools Operations

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

Solution Explorer Team 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 a SQL Server Reporting Services (SSRS) project named "MansouraReports".

Solution Explorer: Shows the solution structure with one project: "MansouraReports" containing "Shared Data Sources", "Shared Datasets", and "Reports". The "Reports" folder contains five reports: "StudsReports.rdl", "Report1.rdl", "Report2.rdl", "Grades.rdl", and "Report3.rdl".

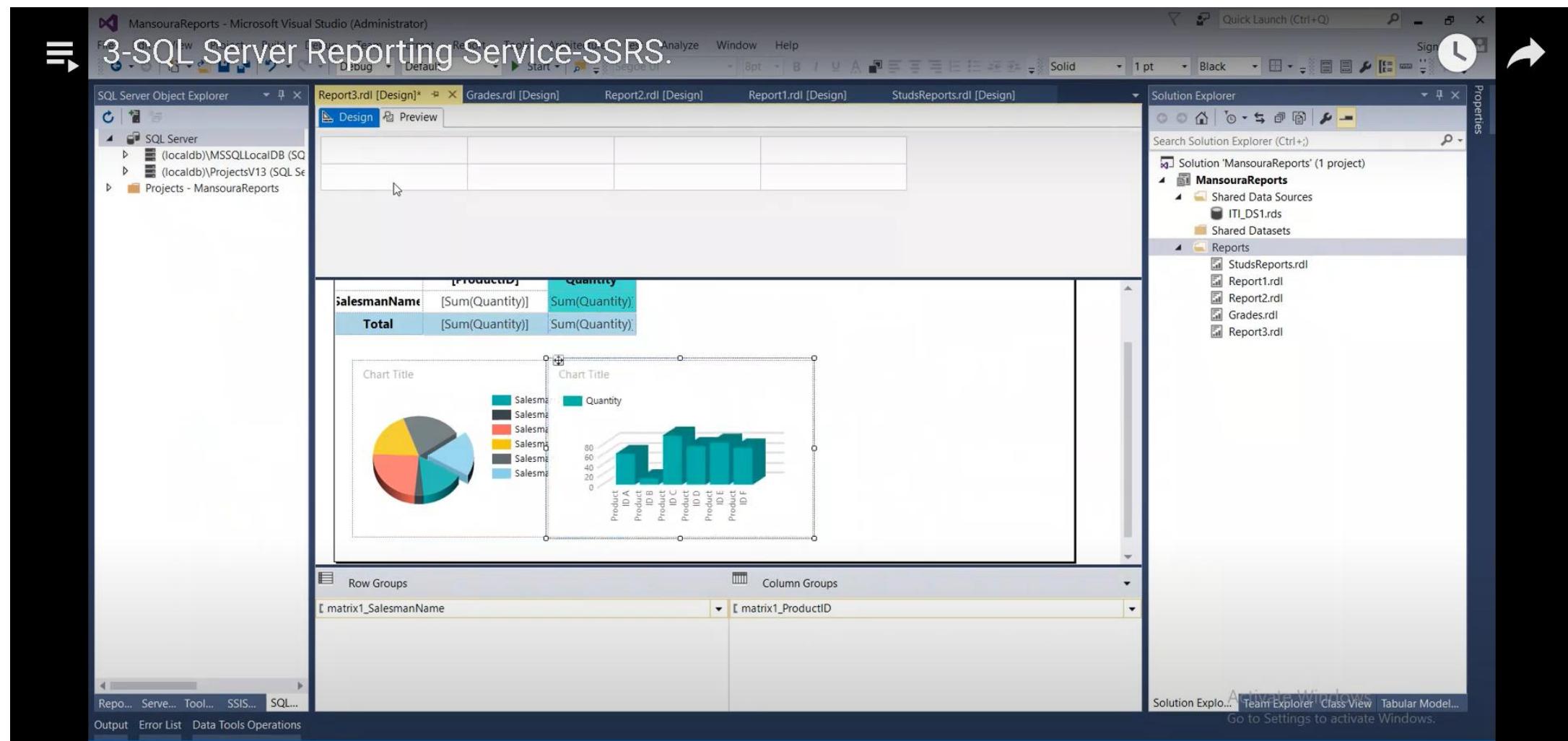
SQL Server Object Explorer: Shows the connection to "(localdb)\MSSQLLocalDB (SQL Server)" and "(localdb)\ProjectsV13 (SQL Server)".

Report3.rdl [Design] (active tab): Displays a report titled "Report3" with three charts. The first chart is a pie chart titled "Chart Title" showing data for three categories: ahmed (teal), ali (dark grey), and khalid (red). The second chart is a bar chart titled "Quantity" showing values for four categories: 1 (130), 2 (160), 3 (150), and 4 (330). The third chart is a bar chart titled "Quantity" showing a single value of 440.

Properties: A panel on the right side of the interface showing properties for the selected item.

Bottom Bar: Includes links for "Repo...", "Serve...", "Tool...", "SSIS...", "SQL...", "Output", "Error List", "Data Tools Operations", "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)

SQL Server Object Explorer

- SQL Server
 - (localdb)\MSSQLLocalDB (SQ)
 - (localdb)\ProjectsV13 (SQL Se)
 - Projects - MansouraReports

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

Design Preview

1 of 1 Find | Next

100%

Report3

	1	2	3	4	Quantity
ahmed	130	160	150		440
ali	460	170		330	960
khalid	170	190	30	90	480
Total	760	520	180	420	1880



Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

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

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

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

Output Error List Data Tools Operations

3-SQL Server Reporting Service-SSRS.

The screenshot shows the Microsoft Visual Studio interface for developing SQL Server Reporting Services (SSRS) reports. The main window displays a report design with a matrix and two charts.

Report Data Explorer:

- New
- Edit...
- Parameters
- Images
- Data Sources
- Datasets
 - DataSet1
 - ProductID
 - SalesmanName
 - Quantity

Design View:

A matrix report item is visible, showing data grouped by SalesmanName and ProductID. The matrix has three columns: SalesmanName, ProductID, and Quantity. The first row contains the header "SalesmanName" and the second row contains the header "Total". The matrix displays the sum of quantities for each salesperson across different products.

Chart Data View:

- Chart Title:** Chart Title
- Legend:** Salesman Name 1, Salesman Name 2, Salesman Name 3, Salesman Name 4, Salesman Name 5, Salesman Name 6
- Bar Chart:** A bar chart showing the quantity for each salesperson across categories A through F. The Y-axis represents Quantity (0 to 80+), and the X-axis represents categories A, B, C, D, E, F.
- Chart Data Panel:**
 - Σ Values:** Quantity [Sum(Quantity)]
 - Category Groups:** (Details)

Solution Explorer:

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

Properties View:

Properties panel is visible on the right side of the interface.

Bottom Navigation:

- Rep... Serve... Tool... SSIS... SQL...
- Output Error List Data Tools Operations
- Solution Explorer Team 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 a report titled "Report3" with a table and two charts.

Report Data View:

- Built-in Fields
- Parameters
- Images
- Data Sources
- Datasets
 - DataSet1
 - ProductID
 - SalesmanName
 - Quantity

Report3 Content:

	1	2	3	4	Quantity
ahmed	130	160	150		440
ali	460	170		330	960
khalid	170	190	30	90	480
Total	760	520	180	420	1880

Chart 1 (Pie Chart): Chart Title: [empty]. Legend: ahmed (teal), ali (dark grey), khalid (orange-red). The chart shows the distribution of sales volume across three salesmen.

Chart 2 (Bar Chart): Chart Title: [empty]. Legend: Quantity (teal). The bar chart displays the total quantity sold for each category (1, 2, 3, 4).

Solution Explorer:

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

Bottom Navigation:

- Rep... Serve... Tool... SSIS... SQL...
- Activate Windows
- Solution Explor... Team Explorer Class View Tabular Model...

Book1 - Excel (Product Activation Failed)

File Home Insert Page Layout Formulas Data Review View Add-ins Team Q Tell me what you want to do...

From Access From Web From Text From Other Sources Existing Connections New Query Refresh All Connections Get & Transform

Show Queries From Table Properties Edit Links Advanced

Connections Sort Filter Remove Duplicates Data Validation Consolidate Relationships Manage Data Model What-if Analysis Forecast Group Ungroup Subtotal

Text to Columns Flash Fill Advanced

Sort & Filter Data Tools

A1

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1																						
2																						
3																						
4																						
5																						
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29																						
30																						

Sheet1

Activate Windows
Go to Settings to activate Windows.

Ready 100%

This screenshot shows a Microsoft Excel window titled 'Book1 - Excel (Product Activation Failed)'. The ribbon is visible at the top with tabs for File, Home, Insert, Page Layout, Formulas, Data, Review, View, Add-ins, Team, and a search bar. The 'Data' tab is selected. The main area shows a blank worksheet with columns A through W and rows 1 through 30. Cell A1 is selected. A context menu is open over cell A1, with 'From Other Sources' highlighted. The status bar at the bottom right indicates 'Activate Windows' and 'Go to Settings to activate Windows.' The bottom left shows the status 'Ready' and the zoom level '100%'.

3-SQL Server Reporting Service-SSRS

Book1 - Excel (Product Activation Failed)

Tell me what you want to do...

From Access From Web From Text From Other Existing Connections Show Queries

New Query Refresh All Recent Sources Properties Edit Links

Connections Advanced Sort Filter Reapply

Text to Columns Flash Fill Remove Duplicates Validation Data Consolidate Relationships Manage Data Model What-If Forecast Analysis Sheet

Group Ungroup Subtotal Forecast Outline

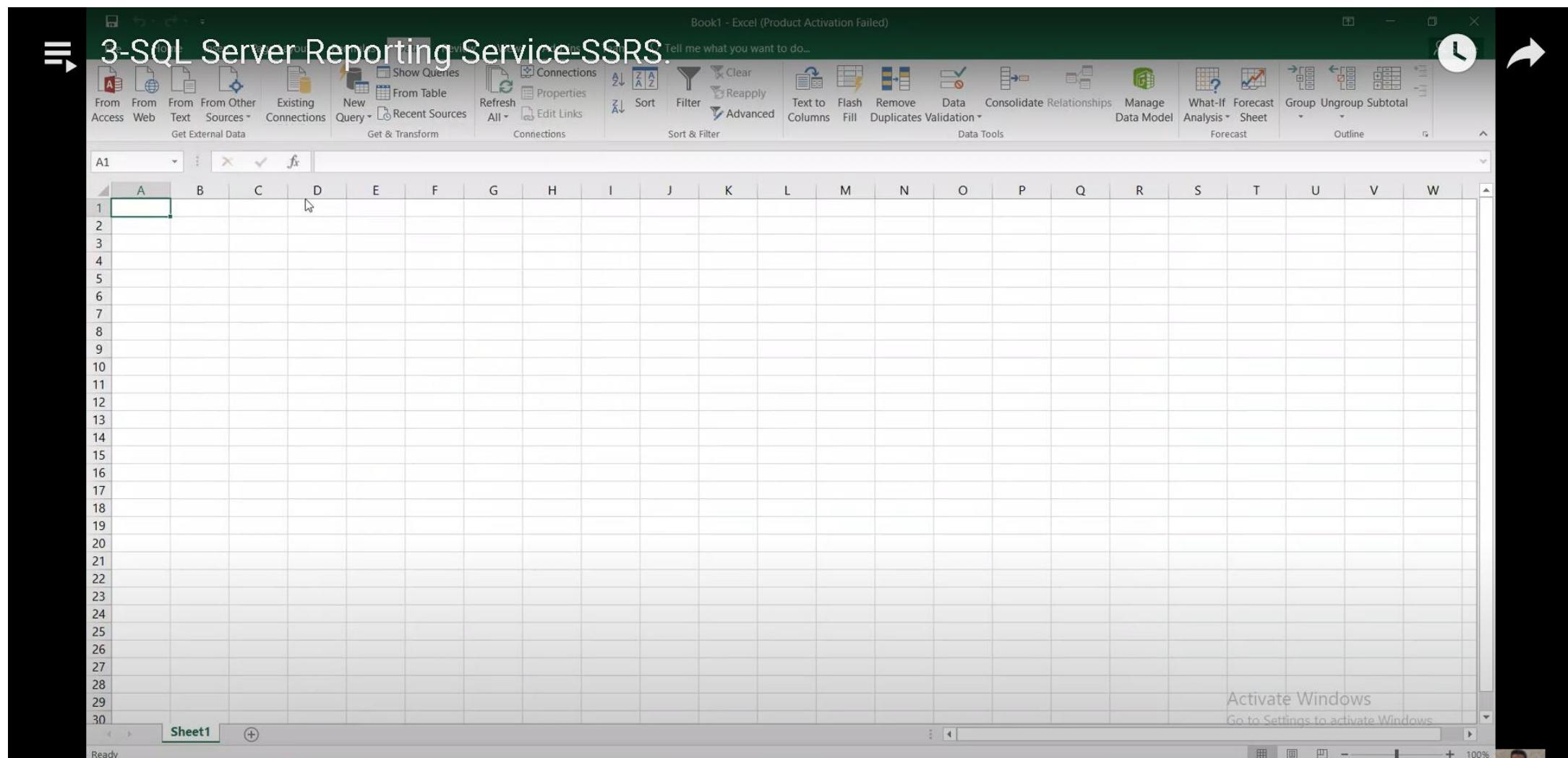
A1 A B C D E F G H I J K L M N O P Q R S T U V W

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Activate Windows
Go to Settings to activate Windows

Sheet1

Ready 100%



3-SQL Server Reporting Service SSRS

Book1 - Excel (Product Activation Failed)

Tell me what you want to do...

From Access From Web From Text Sources Existing Connections New Query From Table Refresh All Recent Sources Get External Data

From SQL Server
Create a connection to a SQL Server table. Import data into Excel as a Table or PivotTable report.

From Analysis Services
Create a connection to a SQL Server Analysis Services cube. Import data into Excel as a Table or PivotTable report.

From OData Data Feed
Create a connection to an OData Data Feed. Import data into Excel as a Table or PivotTable report.

From XML Data Import
Open or map a XML file into Excel.

From Data Connection Wizard
Import data for an unlisted format by using the Data Connection Wizard and OLEDB.

From Microsoft Query
Import data for an unlisted format by using the Microsoft Query Wizard and ODBC. Functionality is limited for compatibility in previous versions.

A1 I J K L M N O P Q R S T U V W

Activate Windows
Go to Settings to activate Windows.

Sheet1

Ready

The screenshot shows a Microsoft Excel window titled "Book1 - Excel (Product Activation Failed)". The ribbon is visible at the top, with the "Data" tab selected. A tooltip is displayed over the "From SQL Server" button in the "Get External Data" group, providing a detailed description of the feature. The main worksheet area is empty, showing a grid from A1 to W30. The status bar at the bottom right indicates "Activate Windows Go to Settings to activate Windows".

Book1 - Excel (Product Activation Failed)

File Home Insert Page Layout Formulas Data Review View Add-ins Team Tell me what you want to do...

From Access From Web From Text From Other Sources Existing Connections Get External Data

New Query Refresh All Recent Sources Get & Transform Connections

Connections Properties Edit Links Advanced Sort Filter Advanced

Text to Columns Flash Fill Remove Duplicates Data Validation Data Tools

Consolidate Relationships Manage Data Model What-If Forecast Analysis Sheet Forecast Group Ungroup Subtotal Outline

A1

Data Connection Wizard

Connect to Database Server

Enter the information required to connect to the database server.

1. Server name:

2. Log on credentials

Use Windows Authentication
 Use the following User Name and Password

User Name:
Password:

Cancel < Back Next > Finish

Activate Windows Go to Settings to activate Windows

Sheet1

3-SQL Server Reporting Service SSRS

Book1 - Excel (Product Activation Failed)

Tell me what you want to do...

From Access From Web From Text Sources Existing Connections New Query Recent Sources

Show Queries Connections Properties Refresh All Edit Links Sort Advanced

Connections Get & Transform Sort & Filter Text to Columns Flash Remove Duplicates Data Consolidate Relationships Manage Data Model What-If Analysis Forecast Sheet Group Ungroup Subtotal Forecast Outline

A1

Data Connection Wizard

Select Database and Table

Select the Database and Table/Cube which contains the data you want.

Select the database that contains the data you want:

MultidimensionalProject1

Connect to a specific cube or table:

Name	Description	Modified	Created	Type
Perspective		1/27/2020 3:14:55 PM		PERSPECTIVE
Sales		1/27/2020 3:14:55 PM		CUBE

Cancel < Back Next > Finish

Activate Windows
Go to Settings to activate Windows.

Sheet1

Ready

100%

The screenshot shows a Microsoft Excel window with a dark theme. A 'Data Connection Wizard' dialog box is open over the spreadsheet. The dialog is titled 'Select Database and Table' and instructs the user to 'Select the Database and Table/Cube which contains the data you want.' It has a dropdown menu set to 'MultidimensionalProject1' and a checked checkbox for 'Connect to a specific cube or table'. Below is a table with two entries: 'Perspective' (Type: PERSPECTIVE) and 'Sales' (Type: CUBE). At the bottom are 'Cancel', '< Back', 'Next >', and 'Finish' buttons. The background shows a blank Excel spreadsheet with a dark theme. The status bar at the bottom right says 'Activate Windows Go to Settings to activate Windows.' The title bar of the Excel window says 'Book1 - Excel (Product Activation Failed)'.

3-SQL Server Reporting Service-SSRS.

Book1 - Excel (Product Activation Failed)

Tell me what you want to do...

From Access From Web From Text Sources Existing Query New Query Refresh All Get External Data

Show Queries Connections From Table Properties Edit Links Get & Transform Connections Advanced Sort Filter Reapply Text to Columns Flash Remove Duplicates Data Consolidate Relationships Manage Data Model What-If Analysis Forecast Group Ungroup Subtotal

A1 A B C D E F G H I J K L M N O P Q R S T U V W

Data Connection Wizard

Select Database and Table

Select the Database that contains the data you want:

MultidimensionalProject14

Connect to a specific cube or table:

Name	Description	Modified	Created	Type
EmpPerformance		10/27/2020 1:28:41 PM		PERSPECTIVE
QtyPerProduct		10/27/2020 1:28:41 PM		PERSPECTIVE
Sales		10/27/2020 1:46:40 PM		CUBE
Sales 1		10/27/2020 1:28:41 PM		CUBE

Cancel Back Next > Finish

Activate Windows
Go to Settings to activate Windows

Sheet1 +

Ready 100%

3-SQL Server Reporting Service-SSRS.

Book1 - Excel (Product Activation Failed)

Tell me what you want to do...

From Access From Web From Other Sources Existing Query New Query Refresh All Recent Sources Get External Data Get & Transform Connections Properties Edit Links Sort Filter Advanced Text to Columns Flash Remove Duplicates Data Consolidate Relationships Manage Data Model What-If Analysis Forecast Sheet Group Ungroup Subtotal Forecast Outline

A1 B C D E F G H I J K L M N O P Q R S T U V W

Data Connection Wizard

Select Database and Table

Select the Database that contains the data you want:

MultidimensionalProject14

Connect to a specific cube or table:

Name	Description	Modified	Created	Type
EmpPerformance		10/27/2020 1:28:41 PM		PERSPECTIVE
QtyPerProduct		10/27/2020 1:28:41 PM		PERSPECTIVE
Sales		10/27/2020 1:46:40 PM		CUBE
Sales 1		10/27/2020 1:28:41 PM		CUBE

Cancel Back Next > Finish

Activate Windows
Go to Settings to activate Windows

Sheet1 +

Ready 100%

3-SQL Server Reporting Service SSRS.

Book1 - Excel (Product Activation Failed)

Tell me what you want to do...

From Access From Web From Text Sources From Other Existing Connections New Query Recent Sources Refresh All Connections Properties Edit Links Sort Filter Advanced Text to Columns Flash Fill Remove Duplicates Data Validation Consolidate Relationships Manage Data Model What-If Analysis Forecast Sheet Group Ungroup Subtotal Outline

A1 B C D E F G H I J K L M N O P Q R S T U V W

Data Connection Wizard

Select Database and Table

Select the Database and Table/Cube which contains the data you want.

Select the database that contains the data you want:

MultidimensionalProject14

Connect to a specific cube or table:

Name	Description	Modified	Created	Type
EmpPerformance		10/27/2020 1:28:41 PM		PERSPECTIVE
QtyPerProduct		10/27/2020 1:28:41 PM		PERSPECTIVE
Sales		10/27/2020 1:46:40 PM		CUBE
Sales 1		10/27/2020 1:28:41 PM		CUBE

Cancel < Back Next > Finish

Activate Windows
Go to Settings to activate Windows.

Sheet1

3-SQL Server Reporting Service-SSRS.

Book1 - Excel (Product Activation Failed)

Tell me what you want to do...

From Access From Web From Text Sources Existing Connections New Query Recent Sources

Show Queries From Table Refresh All Properties Edit Links

Connections Sort Filter Reapply Advanced

Text to Columns Flash Fill Remove Duplicates Validation Data Consolidate Relationships Manage Data Model

What-If Analysis Forecast Sheet Group Ungroup Subtotal

Get External Data Get & Transform Connections Sort & Filter Data Tools Forecast Outline

A1 : X ✓ fx

Data Connection Wizard

Select Database and Table

Select the Database and Table/Cube which contains the data you want.

Select the database that contains the data you want:

MultidimensionalProject14

Connect to a specific cube or table:

Name	Description	Modified	Created	Type
EmpPerformance		10/27/2020 1:28:41 PM		PERSPECTIVE
QtyPerProduct		10/27/2020 1:28:41 PM		PERSPECTIVE
Sales		10/27/2020 1:46:40 PM		CUBE
Sales 1		10/27/2020 1:28:41 PM		CUBE

Cancel Back Next Finish

Activate Windows
Go to Settings to activate Windows

Sheet1 +

Ready 100%

Name	Description	Modified	Created	Type
EmpPerformance		10/27/2020 1:28:41 PM		PERSPECTIVE
QtyPerProduct		10/27/2020 1:28:41 PM		PERSPECTIVE
Sales		10/27/2020 1:46:40 PM		CUBE
Sales 1		10/27/2020 1:28:41 PM		CUBE

Book1 - Excel (Product Activation Failed)

Tell me what you want to do...

From Access From Web From Text Sources From Other Existing Connections New Query Recent Sources Show Queries Connections Properties Edit Links Refresh All Sort Filter Advanced Text to Columns Flash Fill Remove Duplicates Data Validation Consolidate Relationships Manage Data Model What-If Analysis Forecast Sheet Group Ungroup Subtotal Forecast Outline

A1

Import Data

Select how you want to view this data in your workbook.

Table
 PivotTable Report
 PivotChart
 Only Create Connection

Where do you want to put the data?

Existing worksheet:
=\$A\$1

New worksheet

Add this data to the Data Model

Properties... OK Cancel

Activate Windows
Go to Settings to activate Windows

Sheet1

Book1 - Excel (Product Activation Failed)

PivotTable Tools Design

PivotTable Name: Active Field: PivotTable1

Options Field Settings Drill Down Drill Up Expand Field Group Selection Analyze

Group Ungroup Insert Slicer Insert Timeline Filter Refresh Change Data Source Clear Select Move PivotTable Fields, Items, OLAP Relationships Tools PivotChart Recommended PivotTables

PivotTable Group Filter Actions Calculations Tools Show

A1

PivotTable Fields

Choose fields to add to report:

Search

Σ Fact Sales

Qty

KPIs

Product Dim

Product ID

Product Name

Product Price

Time Dim

Drag fields between areas below:

FILTERS COLUMNS

ROWS VALUES

Activate Windows
Go to Settings to activate Windows. Defer Layout Update UPDATE

Running OLAP query ... (Press Esc to cancel)

Sheet1

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

100%

The screenshot shows a Microsoft Excel window with the title "Book1 - Excel (Product Activation Failed)". The ribbon is set to "PivotTable Tools Design". The main area contains a PivotTable placeholder named "PivotTable1" in cell A1. A note says "To build a report, choose fields from the PivotTable Field List". To the left of the worksheet area, there are two icons: one for a PivotTable and another for a PivotChart. The PivotTable Fields pane is open on the right, showing fields from the Fact Sales table (Qty), KPIs, Product Dim (Product ID, Product Name, Product Price), and Time Dim. The Fields, Items, & Sets group in the ribbon is also visible. The status bar at the bottom indicates "Running OLAP query ... (Press Esc to cancel)".

3-SQL Server Reporting Service-SSRS.

Book1 - Excel (Product Activation Failed)

PivotTable Tools

PivotTable Name: Active Field: Product Name

Design

Tell me what you want to do...

PivotTable1

Options

Field Settings

Drill Down

Drill Up

Expand Field

Group Selection

Ungroup

Group Field

Insert Slicer

Insert Timeline

Filter Connections

Refresh

Change Data Source

Clear

Select

Move

Fields, Items, OLAP Relationships

PivotChart Recommended PivotTables

Field List

+/- Buttons Headers

Show

A1 Row Labels Qty

1 Row Labels Qty

2 Accesories 305

3 Books 155

4 Clothing 185

5 Components 115

6 Sportswear 130

7 Grand Total 890

PivotTable Fields

Choose fields to add to report:

Search

Fact Sales

Qty

KPIs

Product Dim

Product ID

Product Name

Product Price

Time Dim

Drag fields between areas below:

FILTERS

COLUMNS

ROWS

VALUES

Activate Windows

Go to Settings to activate Windows

Defer Layout Upd...

UPDATE

Sheet1

Ready

100%

The screenshot shows a Microsoft Excel spreadsheet titled "Book1 - Excel (Product Activation Failed)". The PivotTable Tools ribbon tab is active. In the PivotTable Fields pane on the right, fields from Fact Sales, KPIs, Product Dim, and Time Dim are listed. The main area contains a PivotTable with the following data:

	Row Labels	Qty
1	Row Labels	Qty
2	Accesories	305
3	Books	155
4	Clothing	185
5	Components	115
6	Sportswear	130
7	Grand Total	890

3-SQL Server Reporting Service-SSRS.

Book1 - Excel (Product Activation Failed)

PivotTable Tools

PivotTable Name: Active Field: PivotTable1 Product Name

Design Tell me what you want to do...

Group Selection Expand Field Group Selection Analyze

Drill Down Drill Up Collapse Field

Ungroup Insert Slicer Refresh Change Data Source Clear Select Move

Group Field Timeline Connections Fields, Items, OLAP Relationships

Group Filter PivotTable Tools Calculations

Options Field List Buttons Headers

Field Settings PivotChart Recommended PivotTables

PivotTable Active Field Group Filter Actions

Row Labels Row Labels

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	Row Labels	Qty																		
2	Accessories	305																		
3	Books	155																		
4	Clothing	185																		
5	Components	115																		
6	Sportswear	130																		
7	Grand Total	890																		
8																				
9																				
10																				
11																				
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Activate Windows Go to Settings to activate Windows Defer Layout Upd... UPDATE

Sheet1 + 100%

PivotTable Fields

Choose fields to add to report:

Search

Product Dim

- Product ID
- Product Name
- Product Price

Time Dim

- Calendar Quarter
- Calendar Year
- Time ID

ROWS VALUES

Product ... Qty

Book1 - Excel (Product Activation Failed)

PivotTable Tools

File Home Insert Page Layout Formulas Data Review View Add-ins Team Analyze Design Tell me what you want to do...

PivotTable Name: Active Field: PivotTable1

PivotTable Options Field Settings Active Field

Drill Down Drill Up Expand Field Group Selection Ungroup Group Field

Insert Slicer Timeline Connections Refresh Change Data Source Clear Select Move PivotTable Fields, Items, OLAP Relationships & Sets Tools Calculations Tools

PivotChart Recommended PivotTables Field List +/- Buttons Headers Show

B4 : X ✓ fx 80

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	Qty	Column Labels																	
2	Row Labels	2007			2008			Grand Total											
3	Accessories		110	195		305													
4	Books		80		75		155												
5	Clothing		110	15		185													
6	Components		30	85		115													
7	Sportswear		50	80		130													
8	Grand Total		380	510		890													
9																			
10																			
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29																			
30																			

PivotTable Fields

Choose fields to add to report:

Search

Product Dim

Product Name

Product Price

Time Dim

Calendar Quarter

Calendar Year

Time ID

Drag fields between areas below:

FILTERS

COLUMNS

CALENDAR

ROWS

VALUES

Activate Windows

Go to Settings to activate Windows.

Defer Layout Upd...

UPDATE

Sheet1

Ready

100%

Book1 - Excel (Product Activation Failed)

PivotTable Tools Design

PivotTable Name: Active Field: Qty

PivotTable1 Options Field Settings

Group Selection Expand Field Drill Down Drill Up Collapse Field

Insert Slicer Insert Timeline Filter Refresh Change Data Source Clear Select Move PivotTable Fields, Items, OLAP Relationships Tools PivotChart Recommended PivotTables Tools Field List +/- Buttons Headers Show

B4

	A	B	C	D	E
1	Qty	Column Labels			
2	Row Labels	2007	2008	Grand Total	
3	Accessories	110	195	305	
4	Books	80	75	155	
5	Clothing	110	75	185	
6	Components	30	85	115	
7	Sportswear	50	80	130	
8	Grand Total	380	510	890	
9					
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29					
30					

Insert Slicers

- Product Dim
 - Product ID
 - Product Name
 - Product Price
- Time Dim
 - Calendar Quarter
 - Calendar Year
 - Time ID

OK Cancel

PivotTable Fields

Choose fields to add to report:

Search

Product Dim

- Product ID
- Product Name
- Product Price

Time Dim

- Calendar Quarter
- Calendar Year
- Time ID

Drag fields between areas below:

FILTERS

COLUMNS

ROWS

VALUES

Activate Windows
Go to Settings to activate Windows.
Defer Layout Update UPDATE

Sheet1

Ready

Book1 - Excel (Product Activation Failed)

Slicer Tools

File Home Insert Page Layout Formulas Data Review View Add-ins Team Options Tell me what you want to do...

Slicer Caption: Calendar Quarter Slicer Settings Slicer Styles

Arrange Buttons Size

Calendar Q...

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	Qty	Column Labels																				
2	Row Labels	2007	2008	Grand Total																		
3	Accessories		110	195		305																
4	Books		80	75		155																
5	Clothing		110	75		185																
6	Components		30	85		115																
7	Sportswear		50	80		130																
8	Grand Total		380	510		890																
9																						
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29																						
30																						

Activate Windows
Go to Settings to activate Windows.

Sheet1 Ready 100%

Slicer Tools Options Tell me what you want to do...

Slicer Caption: Calendar Quarter Slicer Settings

Report Connections Slicer Styles

Arrange Buttons Size

Calendar Q... fx

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	Qty	Column Labels																				
2	Row Labels	2007			2008			Grand Total														
3	Accessories		60	95		155																
4	Books		80	60		140																
5	Clothing		70	45		115																
6	Components		30	60		90																
7	Sportswear			50		50																
8	Grand Total		240	310		550																

Activate Windows
Go to Settings to activate Windows.

Sheet1

3-SQL Server Reporting Service-SSRS.

Book1 - Excel (Product Activation Failed)

PivotTable Tools

PivotTable Name: Active Field: PivotTable1

PivotTable1

Qty

Drill Down Drill Up Expand Field Collapse Field

Options Field Settings Group

PivotTable Active Field C5

Insert Insert Filter Refresh Change Data Clear Select Move Fields, Items, OLAP Relationships

PivotChart Recommended PivotTables

Field List +/-. Buttons Headers Show

Insert Chart

All Charts

2007 2008 Grand Total

	Qty	Column Labels	
Row Labels	2007	2008	Grand Total
Accessories	110	195	305
Books	80	75	155
Clothing	110	75	185
Components	30	85	115
Sportswear	50	80	130
Grand Total	380	510	890

Calendar

Quarte Quarte Quarte Quarte

Box & Whisker Waterfall Combo

OK Cancel

Q R S

PivotTable Fields

Choose fields to add to report:

Search

Product Dim

Product ID

Product Name

Product Price

Time Dim

Calendar Quarter

Calendar Year

Time ID

Drag fields between areas below:

FILTERS

COLUMNS

ROWS

VALUES

Activate Windows

Go to Settings to activate Windows.

Defer Layout Update UPDATE

Sheet1

Ready

100%

The screenshot shows a Microsoft Excel spreadsheet titled 'Book1 - Excel (Product Activation Failed)'. The main area contains a PivotTable with data for 'Accessories', 'Books', 'Clothing', 'Components', and 'Sportswear' across '2007' and '2008'. A chart is inserted, comparing the quantity for each category in both years. The chart has a legend for '2007' (blue bars) and '2008' (orange bars). The PivotTable Tools ribbon is open, specifically the 'Design' tab. A red arrow points to the 'PivotChart' button in the ribbon. The 'PivotTable Fields' pane is visible on the right, showing fields from 'Product Dim' and 'Time Dim'.

3-SQL Server Reporting Service SSRS

Book1 - Excel (Product Activation Failed)

PivotTable Tools Analyze Design Tell me what you want to do... ? X

PivotTable Name: Active Field: PivotTable1 Qty

Options Field Settings Drill Down Drill Up Expand Field Collapse Field Group

PivotTable Insert Insert Refresh Change Data Clear Select Move Fields, Items, OLAP Relationships Tools PivotChart Recommended PivotTables Tools Field List +/- Buttons Headers Show

C5 A B C D E F Q R S

1 Qty Column Labels

2 Row Labels 2007 2008 Grand Total

	Qty	Column Labels	
Row Labels	2007	2008	Grand Total
Accessories	110	195	305
Books	80	75	155
Clothing	110	75	185
Components	30	85	115
Sportswear	50	80	130
Grand Total	380	510	890

Insert Chart All Charts Recent Templates Column Line Pie Bar Area XY (Scatter) Stock Surface Radar Treemap Sunburst Histogram Box & Whisker Waterfall Combo

Pie

2007

- Accessories
- Books
- Clothing
- Components
- Sportswear

OK Cancel

PivotTable Fields Choose fields to add to report: Search Product Dim Product ID Product Name Product Price Time Dim Calendar Quarter Calendar Year Time ID

Drag fields between areas below:

FILTERS COLUMNS Calendar ...

ROWS VALUES Product ... Qty

Activate Windows Go to Settings to activate Windows. Defer Layout Upd... UPDATE

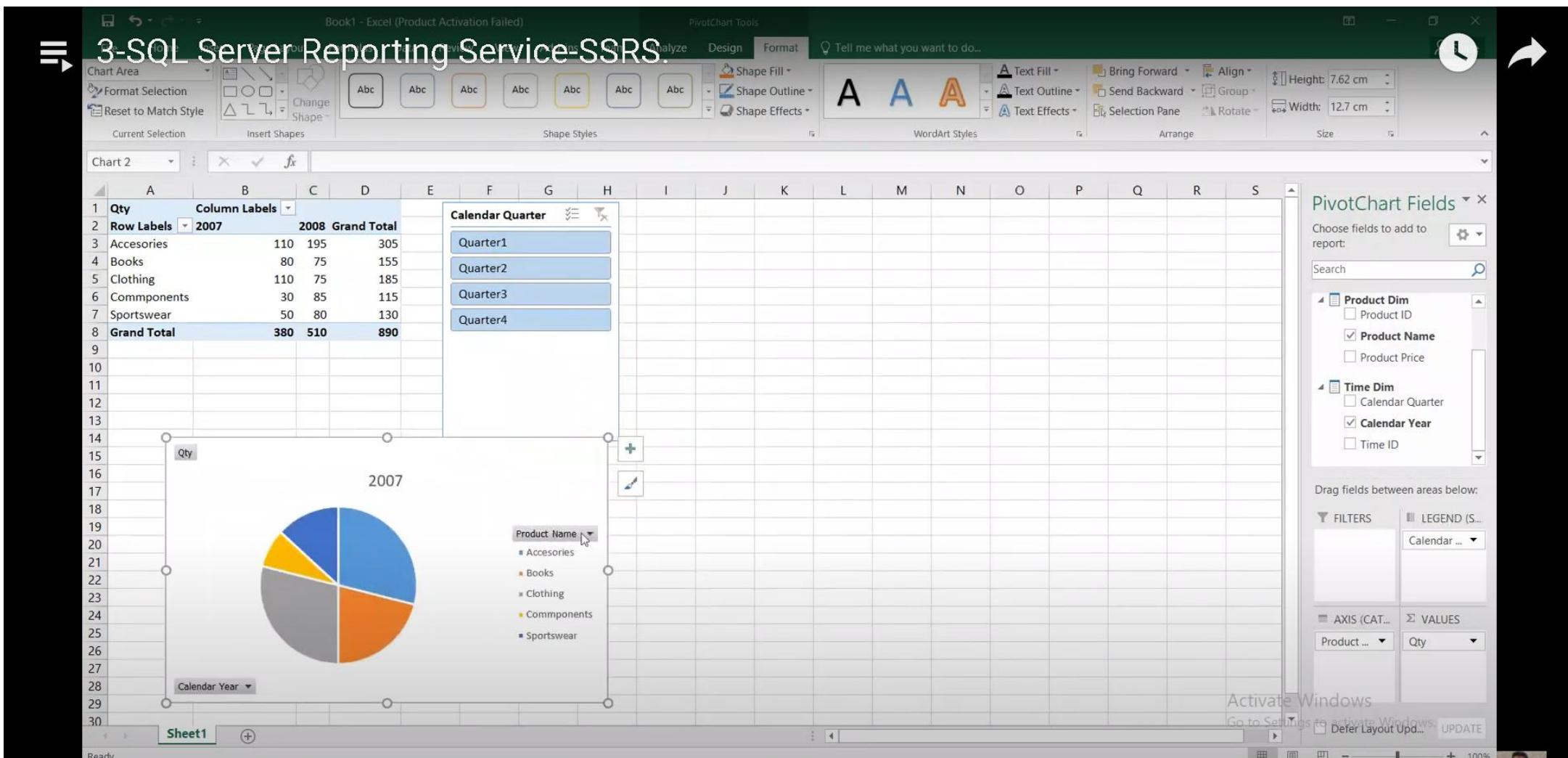
Sheet1

Ready

100%

三

3-SQL Server Reporting Service-SSRS:





3-SQL Server Reporting Service SSRS.

Book1 - Excel (Product Activation Failed)

PivotChart Tools

Design Format

A Tell me what you want to do...

Shape Fill ▾ A Text Fill ▾

Shape Outline ▾ A Text Outline ▾

Shape Effects ▾ A Text Effects ▾

Current Selection Insert Shapes Shape Styles WordArt Styles Arrange Size

Chart 2

A B C D E F G H I J K L M N O P Q R S

1 Qty Column Labels

2 Row Labels 2007 2008 G

3 Accesories 110 195

4 Books 80 75

5 Clothing 110 75

6 Components 30 85

7 Sportswear 50 80

8 Grand Total 380 510

D E F G H I J K L M N O P Q R S

Sort A to Z Sort Z to A More Sort Options...

Clear Filter From "Product Name"

Label Filters

Value Filters

Search Product Name

(Select All) Accessories Books Clothing Components Sportswear

OK Cancel

PRODUCT NAME

- Accessories
- Books
- Clothing
- Components
- Sportswear

Activate Windows

Go to Settings to activate Windows. Defer Layout Upd... UPDATE

PivotChart Fields

Choose fields to add to report:

Search

Product Dim

- Product ID
- Product Name
- Product Price

Time Dim

- Calendar Quarter
- Calendar Year
- Time ID

Drag fields between areas below:

FILTERS

CALENDAR ...

AXIS (CAT...) VALUES

Product ... Qty

Sheet1

Ready

100%

	2007	2008
Accessories	110	195
Books	80	75
Clothing	110	75
Components	30	85
Sportswear	50	80
Grand Total	380	510

3-SQL Server Reporting Service-SSRS.

Book1 - Excel (Product Activation Failed)

PivotChart Tools

Design Format

A Tell me what you want to do...

Shape Fill ▾ A Text Fill ▾

Shape Outline ▾ A Text Outline ▾

Shape Effects ▾ A Text Effects ▾

Bring Forward ▾ Align ▾

Send Backward ▾ Group ▾

Selection Pane Rotate ▾

Height: 7.62 cm Width: 12.7 cm

Size

Chart Area

Format Selection

Reset to Match Style

Current Selection Insert Shapes

Shape Styles WordArt Styles Arrange

Chart 2

A B C D E F G H I J K L M N O P Q R S

1 Qty Column Labels 2007 2008 G

2 Row Labels 2007 2008 G

3 Accesories 110 195

4 Books 80 75

5 Clothing 110 75

6 Components 30 85

7 Sportswear 50 80

8 Grand Total 380 510

D1 Sort A to Z

D2 Sort Z to A

D3 More Sort Options...

D4 Clear Filter From "Product Name"

D5 Label Filters

D6 Value Filters

D7 Search Product Name

D8 (Select All)

D9 Accessories

D10 Books

D11 Clothing

D12 Components

D13 Sportswear

D14 OK Cancel

D15 PRODUCT NAME

D16 Accessories

D17 Books

D18 Clothing

D19 Components

D20 Sportswear

PivotChart Fields

Choose fields to add to report:

Search

Product Dim

Product ID

Product Name

Product Price

Time Dim

Calendar Quarter

Calendar Year

Time ID

Drag fields between areas below:

FILTERS

CALENDAR ...

AXIS (CAT...) VALUES

Product ... Qty

Activate Windows

Go to Settings to activate Windows. UPDATE

Defer Layout Upd...

Sheet1

Ready

100%

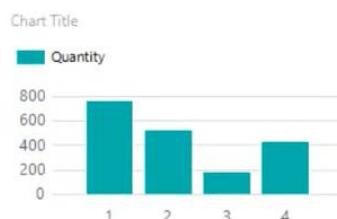
MansouraReports - Microsoft Visual Studio (Administrator)

Report Data

- New
- Edit...
- ...
- Built-in Fields
 - Parameters
 - Images
- Data Sources
- Datasets
 - DataSet1
 - ProductID
 - SalesmanName
 - Quantity

Report3

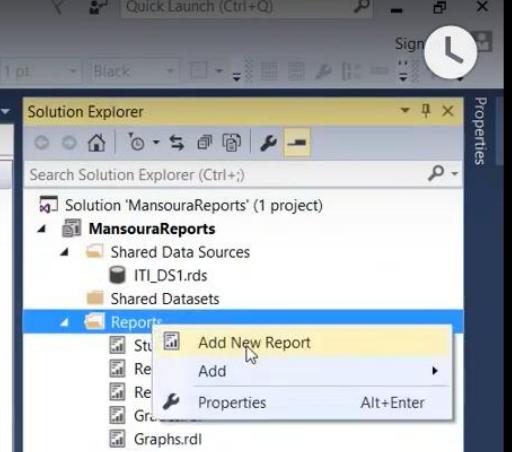
	1	2	3	4	Quantity
ahmed	130	160	150		440
ali	460	170		330	960
khalid	170	190	30	90	480
Total	760	520	180	420	1880



Report... Server... Tools... SSIS... SQL...

Solution Explorer Team Explorer Class View Tabular Model...

3-SQL Server Reporting Service-SSRS.



MansouraReports - Microsoft Visual Studio (Administrator)

Report Data

New Edit...

Design Preview

Graphs.rdl [Design] Grades.rdl [Design]

Report2.rdl [Design]

Report1.rdl [Design]

StudsReports.rdl [Design]



3-SQL Server Reporting Service-SSRS.

Report3

	1	2	3	4	Quantity
ahmed	130	160	150		440
ali	460	170		330	960
khalid	170	190	30	90	480
Total	760	520	180	420	1880



Report Server... Toolbars... SSIS... SQL...

Solution Explorer Team Explorer Class View Tabular Model...

Quick Launch (Ctrl+Q)



Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

MansouraReports

Shared Data Sources

ITI_DS1.rds

Shared Datasets

Reports

Add New Report

New Item...

Existing Item...

Properties

Alt+Enter

Ctrl+Shift+A

Shift+Alt+A

Add

Graphs.rdl

Properties



Report Data

New Edit... X

Add New Item - MansouraReports

X

Report Project

X

Report

X

Data Source

X

Dataset

X

Parameters

X

Images

X

Data Sources

X

Datasets

X

DataSet1

X

ProductID

X

SalesmanName

X

Quantity

X

Ahmed

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Khalid

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To

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X

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Debug

Default

Start

A

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3-SQL Server Reporting Service-SSRS.

Add New Item - MansouraReports

Installed

Report Project

Sort by: Default

Online

Report Wizard

Report Project

Type: Report Project

Create a new empty report.

Report

Report Project

Data Source

Report Project

Dataset

Report Project

Click here to go online and find templates.

Name:

Report3.rdl

Add

Cancel

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

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

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 title bar indicates the project is named "MansouraReports" and is running as an administrator. The menu bar includes File, Edit, View, Tools, Report, Analyze, Window, and Help. The toolbar contains icons for Debug, Start, Stop, and various report design tools. The ribbon tabs show Report Data, Report3.rdl [Design], Graphs.rdl [Design], Grades.rdl [Design], Report2.rdl [Design], and Report1.rdl [Design].

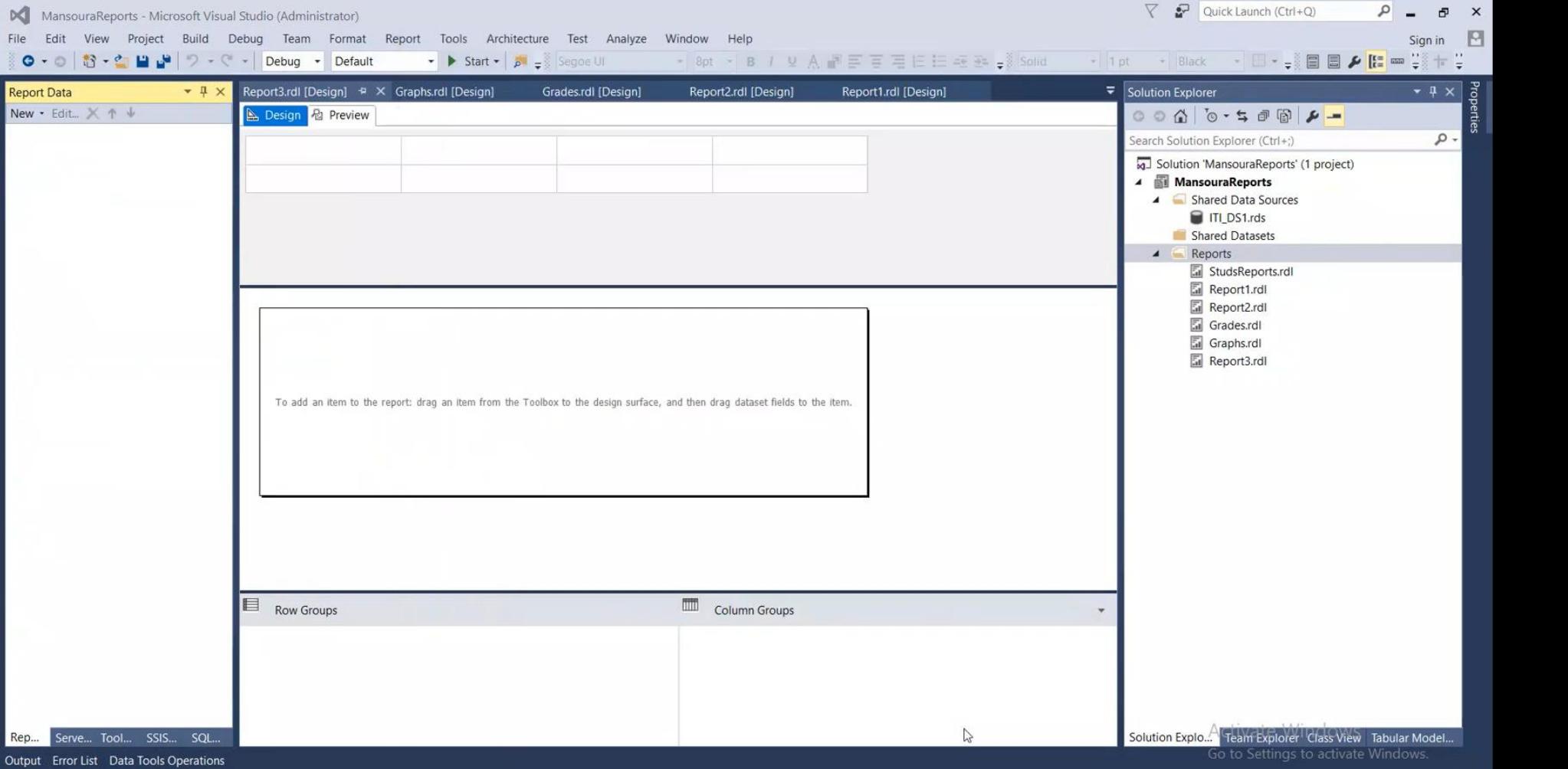
The left sidebar displays the "Report Data" pane, which includes sections for Built-in Fields, Parameters, Images, Data (selected), Add Data Source..., and Datasets. The main workspace shows a blank report design surface with a large central area and a message: "To add an item to the report: drag an item from the Toolbox to the design surface, and then drag dataset fields to the item." Below the workspace are Row Groups and Column Groups sections. The right sidebar contains the "Solution Explorer" pane, showing a solution named "MansouraReports" with one project. The project structure includes Shared Data Sources (ITI_DS1.rds), Shared Datasets, and Reports. The Reports folder contains five files: StudsReports.rdl, Report1.rdl, Report2.rdl, Grades.rdl, Graphs.rdl, and Report3.rdl. The status bar at the bottom shows "Activate Windows" and links to Solution Explorer, Team Explorer, Class View, and Tabular Model.

3-SQL Server Reporting Service-SSRS.

The screenshot shows the Microsoft Visual Studio interface for creating a SQL Server Reporting Service (SSRS) report. The main window displays the 'Report Data' pane on the left, showing options like 'New', 'Edit...', 'Parameters', 'Images', 'Data Sources', and 'Datasets'. A central workspace is labeled 'To add an item to the report...'. On the right, a 'General' dialog box is open, titled 'Change name, type, and connection options.' It contains the following fields:

- Name:** DataSource1
- Type:** Microsoft SQL Server (selected)
- Connection string:** Click here to type or paste a connection string. Buttons for 'Edit...' and 'fx' are available.
- Use shared data source reference:** An empty dropdown menu with 'Edit...' and 'New...' buttons.
- Use single transaction when processing the queries:** An unchecked checkbox.

At the bottom of the dialog are 'OK' and 'Cancel' buttons. The 'Properties' tab is selected in the top right corner. The 'Solution Explorer' pane on the right lists the project 'MansouraReports' with its subfolders 'Shared Data Sources' (containing 'ITI_DS1.rds') and 'Reports' (containing 'StudsReports.rdl', 'Report1.rdl', 'Report2.rdl', 'Grades.rdl', 'Graphs.rdl', and 'Report3.rdl'). The status bar at the bottom includes links for 'Activate Windows', 'Team Explorer', 'Class View', 'Tabular Model...', and '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 Designer for 'Report3.rdl' in 'Design' mode. The left sidebar lists 'Report Data' items such as Built-in Fields, Parameters, Images, Data Sources (DataSource1), and Datasets. The central workspace is currently empty, with a placeholder message 'To add an item to the report...'. The right sidebar contains the 'Solution Explorer' showing the project structure: 'MansouraReports' with its Shared Data Sources (ITI_DS1.rds), Shared Datasets, and Reports (Report1.rdl, Report2.rdl, Grades.rdl, Graphs.rdl, Report3.rdl). The status bar at the bottom right includes a watermark: 'Go to Settings to activate Windows.'

Report Data

New Edit...

Report3.rdl [Design]*

Design Preview

Dataset Properties

Query

To add an item to the report...

Row Groups

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

Solution Explorer

Search Solution Explorer (Ctrl+F)

Solution 'MansouraReports' (1 project)

MansouraReports

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

Properties

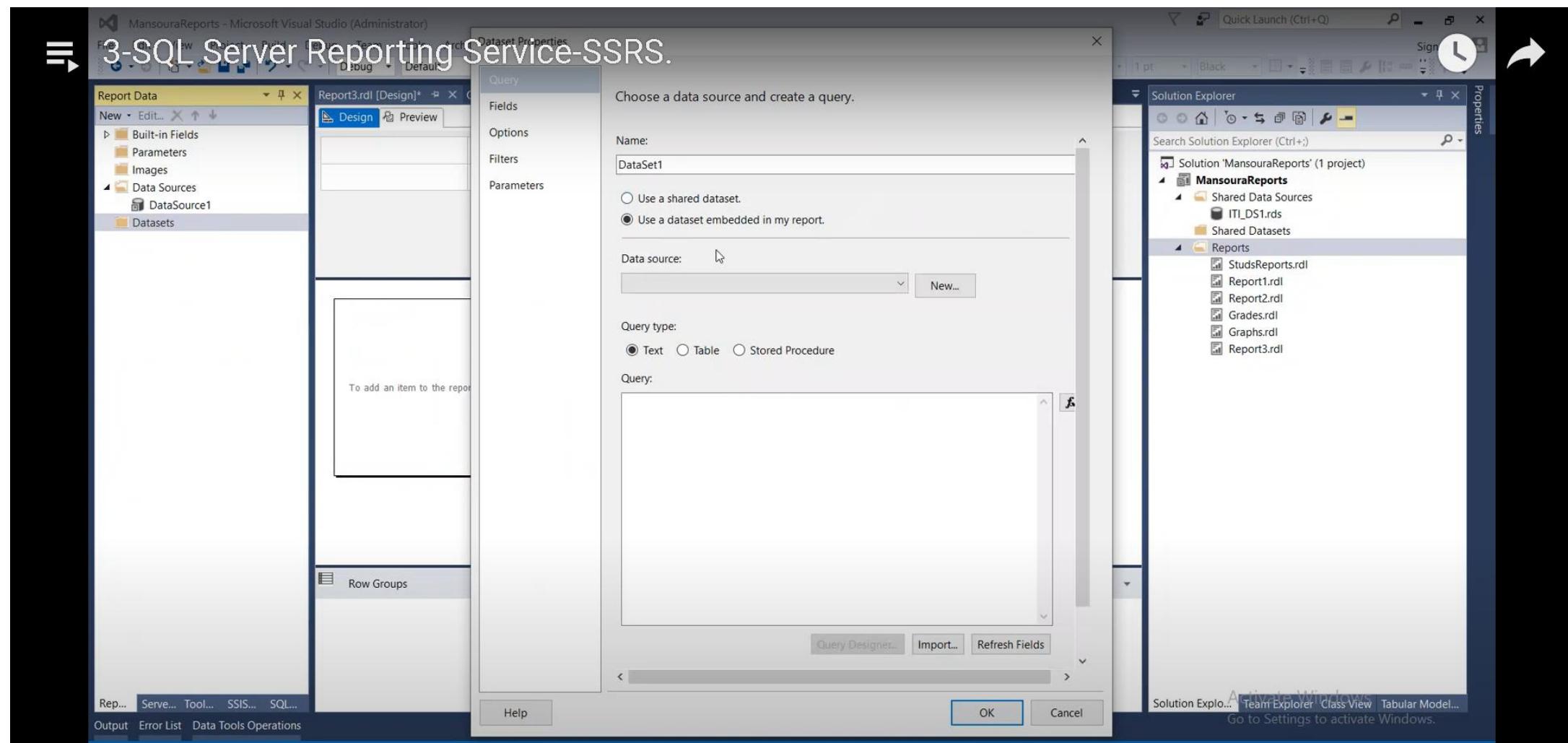
Quick Launch (Ctrl+Q)

Sign In

1 pt Black

Go to Settings to activate Windows.

3- SQL Server Reporting Service-SSRS.





3-SQL Server Reporting Service-SSRS.

Report Data

New Edit... X

Built-in Fields

Parameters

Images

Data Sources

DataSource1

Datasets

Report3.rdl [Design]*

Design Preview

X

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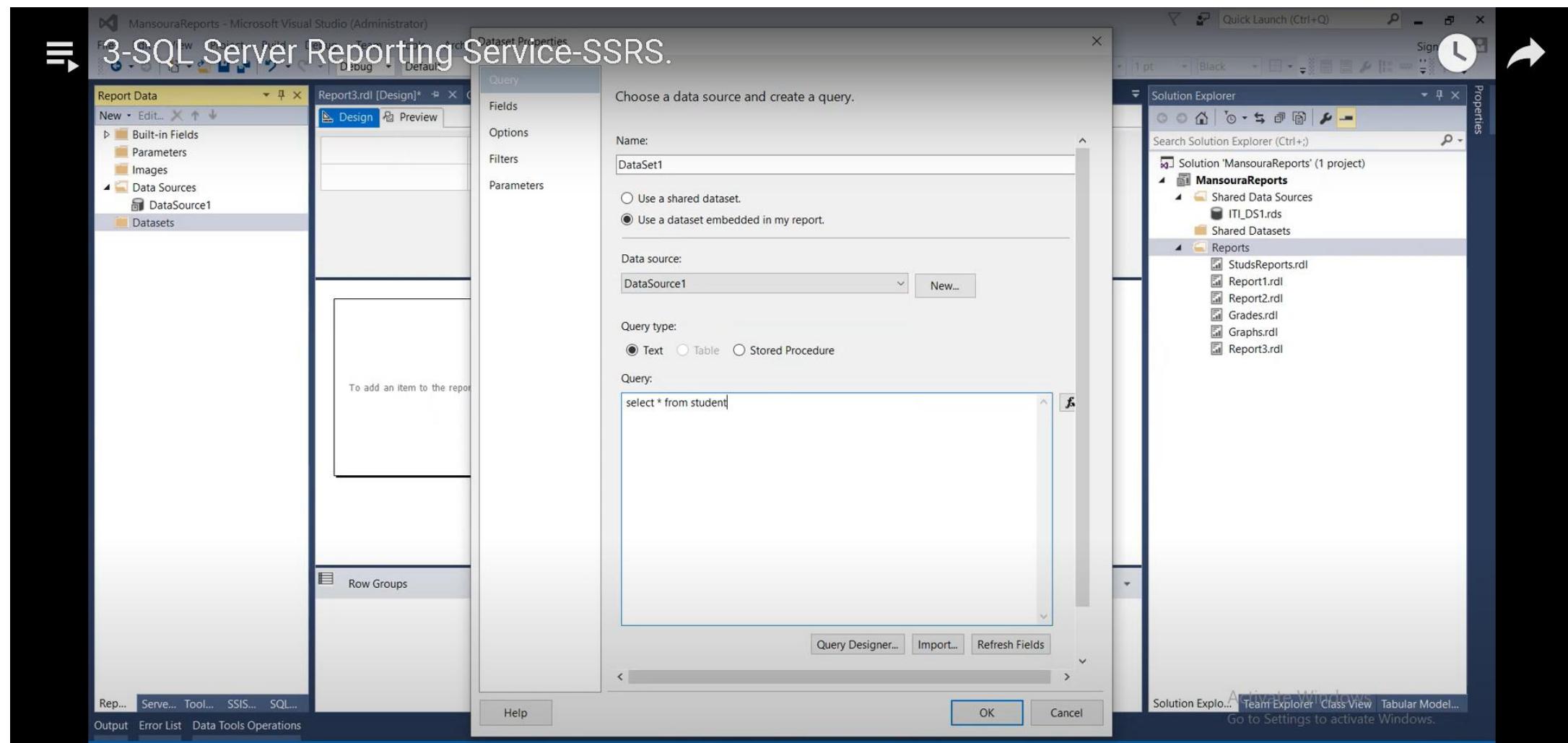
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3-SQL Server Reporting Service-SSRS.

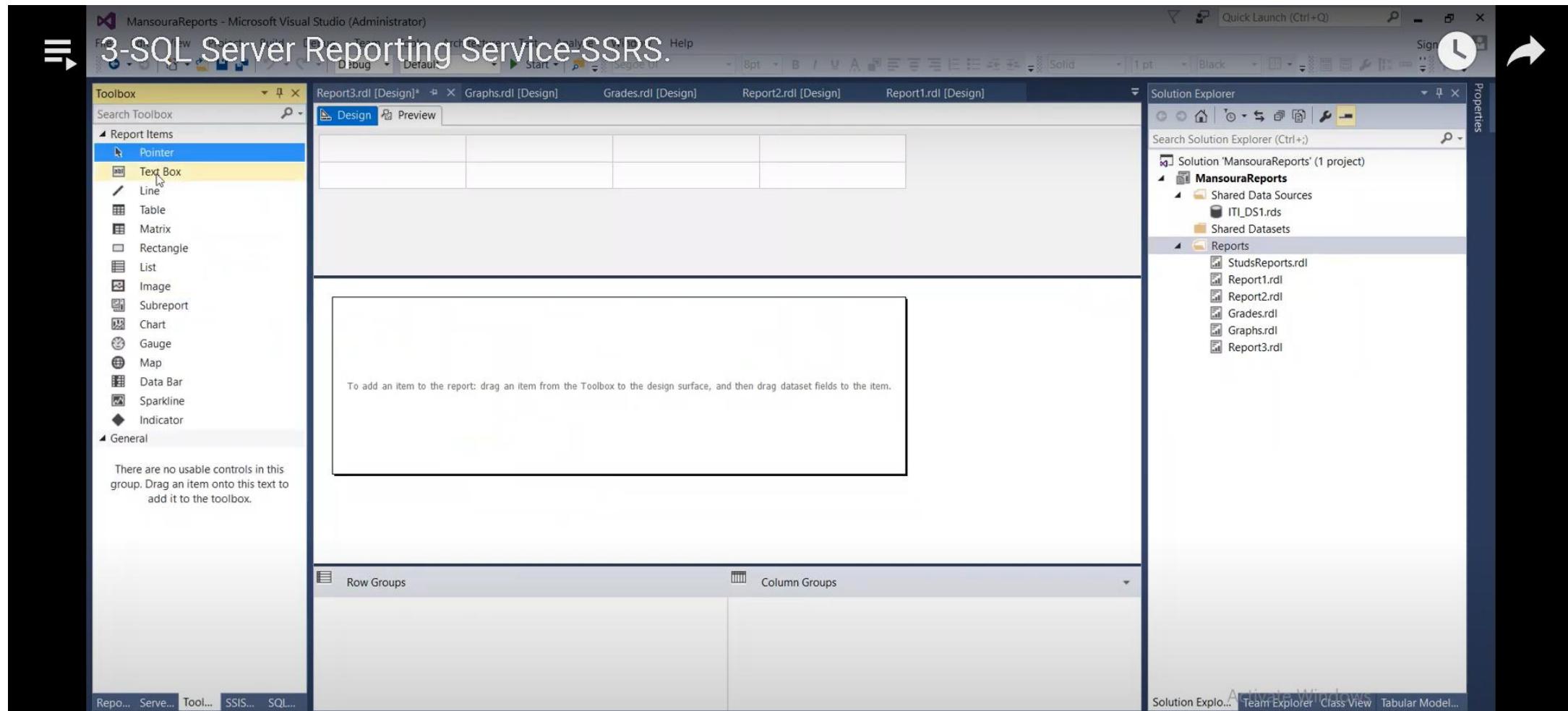




MansouraReports - Microsoft Visual Studio (Administrator)

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 'Report3.rdl [Design]' selected. The central workspace is the 'Design' view, which is currently empty except for a placeholder message: 'To add an item to the report: drag an item from the Toolbox to the design surface, and then drag dataset fields to the item.' The bottom navigation bar includes buttons for Report, Serve..., Tool..., SSIS..., and SQL... The right side features the 'Solution Explorer' pane, which lists the project 'MansouraReports' containing 'Shared Data Sources', 'Shared Datasets', and 'Reports'. The 'Reports' folder is expanded, showing five report files: 'StudsReports.rdl', 'Report1.rdl', 'Report2.rdl', 'Grades.rdl', 'Graphs.rdl', and 'Report3.rdl'. The status bar at the bottom indicates '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, which is currently active. The 'Toolbox' on the left lists various report items, with 'Text Box' selected. The 'Solution Explorer' on the right shows a project named 'MansouraReports' containing a 'Reports' folder with several report files: 'StudsReports.rdl', 'Report1.rdl', 'Report2.rdl', 'Grades.rdl', 'Graphs.rdl', and 'Report3.rdl'. The 'Properties' window is also visible on the right side of the interface.

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

Toolbox

Search Toolbox

Report Items

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

General

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

Design Preview

Row Groups Column Groups

Solution Explorer

Properties

Search Solution Explorer (Ctrl+Shift+F)

Solution 'MansouraReports' (1 project)

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

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

Activate Windows

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



3-SQL Server Reporting Service-SSRS.

Toolbox

Search Toolbox

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

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

Report3.rdl [Design]*

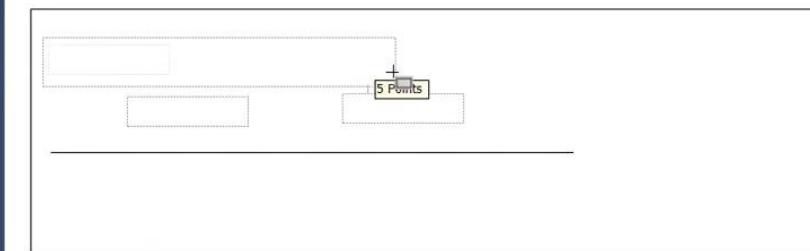
Graphs.rdl [Design]

Grades.rdl [Design]

Report2.rdl [Design]

Report1.rdl [Design]

Design Preview



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

Output Error List Data Tools Operations

Solution Explor... Team 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 'Report Data' pane on the left, showing a dataset named 'DataSet1' with fields: St_Id, St_Fname, St_Lname, St_Address, St_Age, Dept_Id, and St_super. The central area shows a report design with a table structure. The 'Solution Explorer' pane on the right lists the solution 'MansouraReports' containing a project 'MansouraReports' with shared data sources 'ITI_DS1.rds', shared datasets 'Shared Datasets', and reports 'Report1.rdl', 'Report2.rdl', 'Report3.rdl', 'Grades.rdl', 'Graphs.rdl', and 'Report1.rdl'. The 'Properties' pane is visible on the far right.

Report Data

New Edit... X

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

Design Preview

Built-in Fields

Parameters

Images

Data Sources

DataSource1

Datasets

DataSet1

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

Row Groups

Column Groups

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

MansouraReports

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

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

Properties

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

Active Windows

Solution Explor... Team 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 'Report3.rdl [Design]' tab, showing a blank report layout with a table structure. A context menu is open over a data item, with the 'Expression...' option highlighted. The left sidebar lists report data items like 'Built-in Fields', 'Parameters', 'Images', 'Data Sources' (DataSource1), 'Datasets' (DataSet1 with fields St_Id, St_Fname, St_Lname, St_Address, St_Age, Dept_Id, St_super), and 'Report3.rdl'. The right sidebar shows the 'Solution Explorer' with the project 'MansouraReports' containing 'Shared Data Sources' (ITI_DS1.rds), 'Shared Datasets', and 'Reports' (StudsReports.rdl, Report1.rdl, Report2.rdl, Grades.rdl, Graphs.rdl, Report3.rdl). The bottom status bar includes links for 'Rep...', 'Serve...', 'Tool...', 'SSIS...', 'SQL...', 'Solution Explorer', 'Team Explorer', 'Class View', 'Tabular Model...', and 'Go to Settings to activate Windows...'. The title bar also includes 'Quick Launch (Ctrl+Q)', 'Sign In', and a 'Help' icon.

MansouraReports - Microsoft Visual Studio (Administrator)

3-SQL Server Reporting Service-SSRS.

Report Data

New Edit... X

Report3.rdl Design

Expression

Set expression for: Value

=Fields!St_Fname.Value & " " & Fields!St_Lname.Value

Category: Item: <All>

Report item not linked to a dataset.

Help OK Cancel

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

Activate Windows



3-SQL Server Reporting Service-SSRS.

Report Data

New Edit... X

Report3.rdl

Design

Built-in Fields

Parameters

Images

Data Sources

DataSource1

Datasets

DataSet1

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

Expression

Set expression for: Value

```
= "Student Name = "&Fields!St_Fname.Value & " " & Fields!St_Lname.Value
```

Category:

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

Item: <All>

Report item not linked to a dataset.

Help OK Cancel

Solid Black

Properties

File Explorer (Ctrl+.)

MansouraReports (1 project)

MansouraReports

Shared Data Sources

ITI_DS1.rds

Shared Datasets

Reports

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

Built-in Fields
Parameters
Images
Data Sources
DataSource1
Datasets
DataSet1
St_Id
St_Fname
St_Lname
St_Address
St_Age
Dept_Id
St_super

Expression

```
= "Student Name= "&Fields!St_Fname.Value & " "& Fields!St_Lname.Value
```

Category:

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

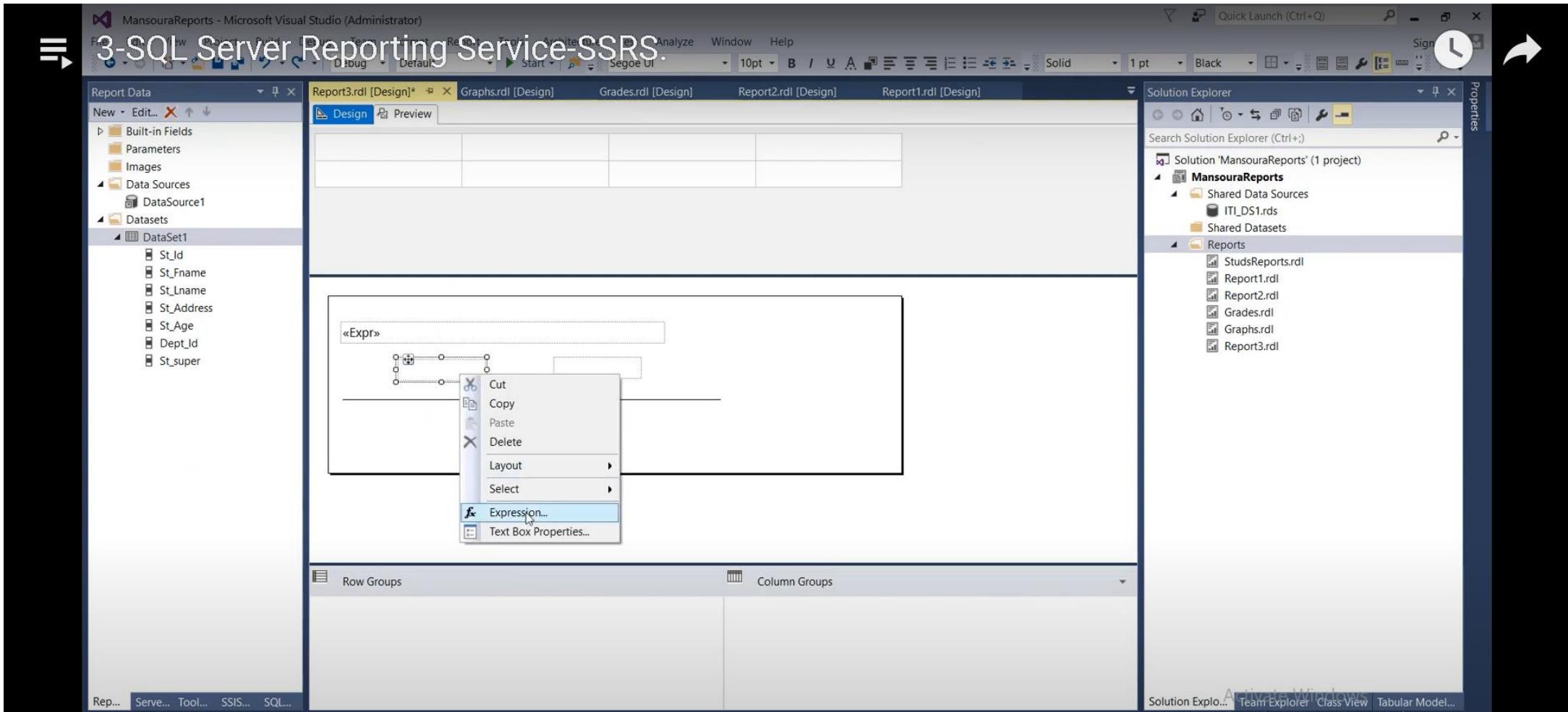
Item:

<All>

Report item not linked to a dataset.

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 'Report3.rdl'. A context menu is open over a text box containing the expression `{{Expr}}`. The menu options are:

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

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
 - Grades.rdl
 - Graphs.rdl
 - Report3.rdl



3-SQL Server Reporting Service-SSRS.

Expression

Set expression for: Value

```
= "Student address= " & Fields!St_Address.Value
```

Category:

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

Item:

<All>

No constants are available for this property.

I

OK

Cancel

Report Data

New Edit... X ↑ ↓

Built-in Fields

Parameters

Images

Data Sources

DataSource1

Datasets

DataSet1

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

Report3.rdl

Design

Report3.rdl

Did you mean: **Concatenate** two strings

Concatenation is the process of appending one string to the end of another string. You concatenate strings by using the `+` operator. For string literals and string constants, concatenation occurs at compile time; no run-time concatenation occurs.

Mar 15, 2024



Learn Microsoft

<https://learn.microsoft.com/en-us/dotnet/csharp/c...> :

MansouraReports - Microsoft Visual Studio (Administrator)



3-SQL Server Reporting Service-SSRS.

Quick Launch (Ctrl+Q) Sign In

File Edit View Insert Tools Analyze Window Help

Report Data Report3.rdl Design Expression

Set expression for: Value

```
= "Student address= " & Fields!St_Address.Value
```

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

Item: <All>

No constants are available for this property.

Help NK Cancel

Solution Explorer (Ctrl+) on 'MansouraReports' (1 project) MansouraReports Shared Data Sources ITI_DS1.rds Shared Datasets Reports StudsReports.rdl Report1.rdl Report2.rdl Grades.rdl Graphs.rdl Report3.rdl

Activate Windows Go to Settings to activate Windows.

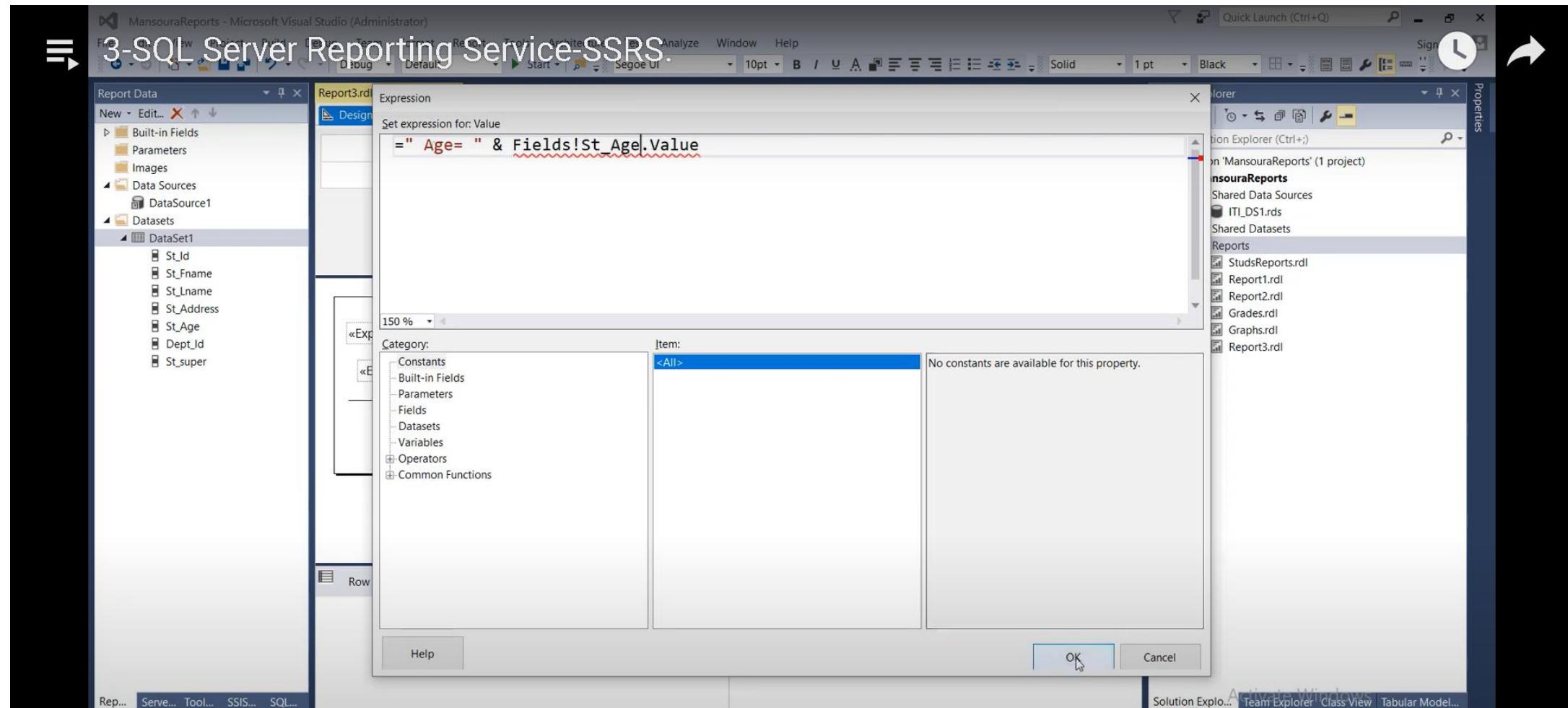
Output Error List Data Tools Operations

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 main window displays the 'Report3.rdl [Design]' tab, showing a blank report layout with a single row and four columns. On the left, the 'Report Data' pane lists various report components like 'Built-in Fields', 'Parameters', 'Images', 'Data Sources', 'Datasets', and 'DataSet1' which contains fields such as 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' containing 'Shared Data Sources', 'Shared Datasets', and 'Reports'. The 'Reports' folder contains files like 'StudsReports.rdl', 'Report1.rdl', 'Report2.rdl', 'Grades.rdl', 'Graphs.rdl', and 'Report3.rdl'. A context menu is open over a text box in the report design area, with the 'Expression...' option highlighted. The bottom status bar includes links for 'Rep...', 'Serve...', 'Tool...', 'SSIS...', and 'SQL...'. A tooltip at the bottom right says 'Activate Windows' and '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

Report3.rdl [Design] Graphs.rdl [Design] Grades.rdl [Design] Report2.rdl [Design] Report1.rdl [Design]

Design Preview

Built-in Fields
Parameters
Images
Data Sources
DataSource1
Datasets
DataSet1
St_Id
St_Fname
St_Lname
St_Address
St_Age
Dept_Id
St_super

Search Solution Explorer (Ctrl+Q)

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

Output

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

Activate Windows

Toolbox

Search Toolbox

Report Items

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

General

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

Design Preview

Solution Explorer

Properties

Report3.rdl [Design] Graphs.rdl [Design] Grades.rdl [Design] Report2.rdl [Design] Report1.rdl [Design]

Design

«Expr»

«Expr» «Expr»

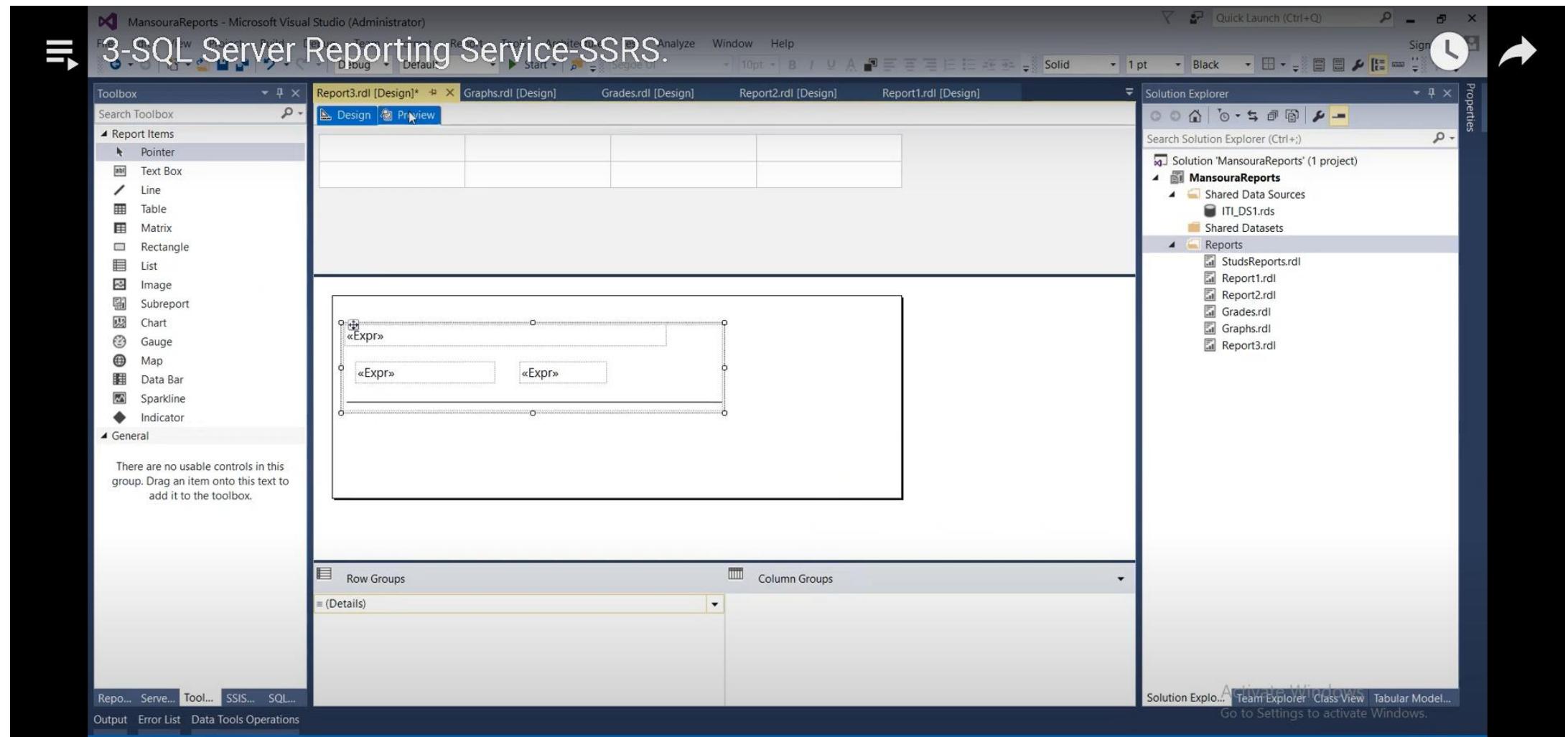
Row Groups Column Groups

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

Activate Windows

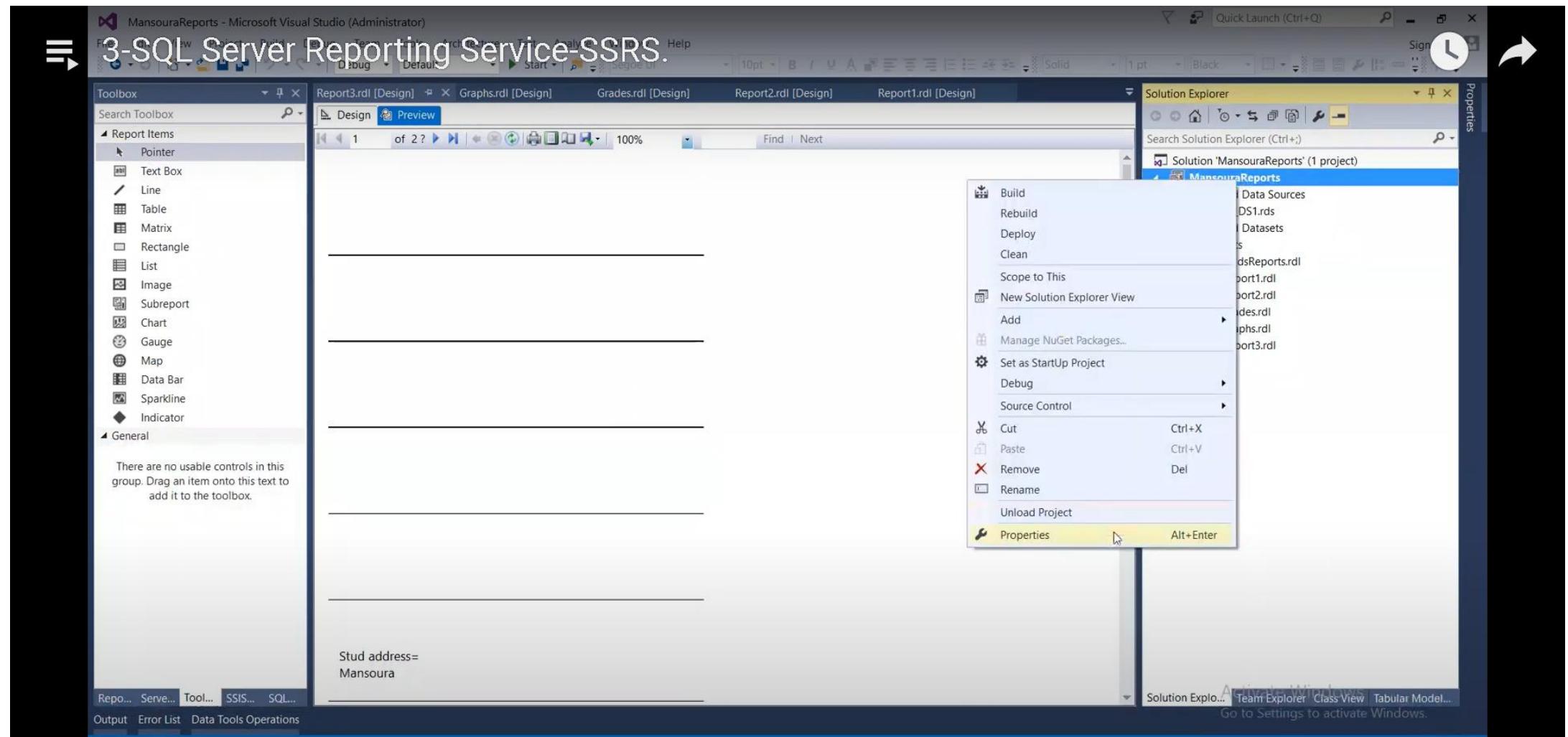
Solution Explorer Team Explorer Class View Tabular Model... Go to Settings to activate Windows.

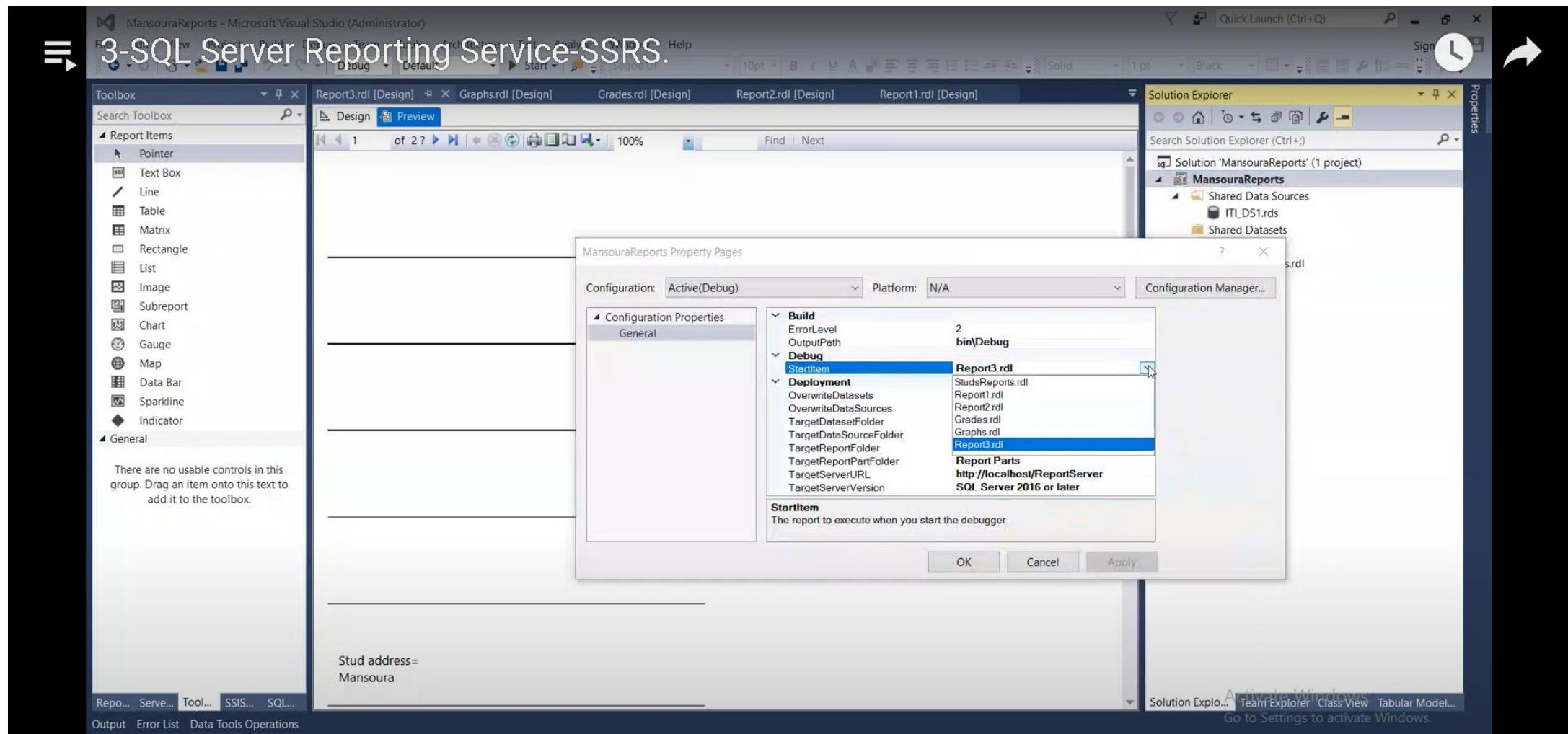
The screenshot displays the Microsoft Visual Studio environment, specifically the Report Designer window. The left side features a 'Toolbox' containing various report items such as Pointer, Text Box, Line, Table, Matrix, Rectangle, List, Image, Subreport, Chart, Gauge, Map, Data Bar, Sparkline, and Indicator. A red arrow points to the 'List' item, which is currently selected. Below the toolbox, a message states: 'There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.' The central workspace shows a report structure with three 'Expr' placeholder boxes. At the bottom, there are 'Row Groups' and 'Column Groups' sections. The top navigation bar shows multiple open reports: Report3.rdl [Design], Graphs.rdl [Design], Grades.rdl [Design], Report2.rdl [Design], and Report1.rdl [Design]. The Solution Explorer on the right shows a project named 'MansouraReports' with files like 'ITI_DS1.rds', 'Shared Datasets', 'Reports', 'StudsReports.rdl', 'Report1.rdl', 'Report2.rdl', 'Grades.rdl', 'Graphs.rdl', and 'Report3.rdl'. The Properties window is also visible on the far right. The bottom of the screen includes standard VS navigation links like Repo..., Serve..., Tool..., SSIS..., SQL..., Output, Error List, and Data Tools Operations, along with an 'Activate Windows' watermark.



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, which is currently active. In the center, there is a report canvas containing a table with four columns and three rows. The first row contains three 'Expr' placeholder boxes. The second row contains two 'Expr' placeholder boxes. The third row is empty. Below the report canvas, the 'Row Groups' and 'Column Groups' sections are visible, showing '(Details)' under Row Groups. The left side features a 'Toolbox' with various report items like Pointer, Text Box, Line, Table, Matrix, Rectangle, List, Image, Subreport, Chart, Gauge, Map, Data Bar, Sparkline, and Indicator. A message in the toolbox states: 'There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.' The right side includes a 'Solution Explorer' pane showing the project structure: 'MansouraReports' (1 project) with 'Shared Data Sources' (ITI_DS1.rds), 'Shared Datasets', and 'Reports' (StudsReports.rdl, Report1.rdl, Report2.rdl, Grades.rdl, Graphs.rdl, Report3.rdl). The bottom navigation bar includes tabs for 'Repo...', 'Serve...', 'Tool...', 'SSIS...', 'SQL...', 'Output', 'Error List', and 'Data Tools Operations'. A status bar at the bottom right indicates 'Go to Settings to activate Windows.'





|< < 1 of 2 ? > >| 100% | Find | Next

Stud Name= Ahmed Hassan

Stud address= Cairo Age= 20

Stud Name= Amr Magdy

Stud address= Cairo Age= 21

Stud Name= Mona Saleh

Stud address= Cairo Age= 28

Stud Name= Mohamed

Stud address= Alex Age= 23

Stud Name= Moahmed

Stud address= Alex Age= 24

Stud Name= Heba Farouk

Stud address= Mansoura Age= 25

Stud Name= Ali Hussien

Activate Windows
Go to Settings to activate Windows.

Report3 - Report Viewer

localhost/ReportServer/Pages/ReportViewer.aspx?%2FMansouraReports%2FReport3&rs%3AClearSession=true&rc%3AView=4f4b7f78-e837-4e97...

1 of 2 ? Find | Next

Stud Name= Ahmed Hassan

Stud address= Cairo Age= 20

Stud Name= Amr Magdy

Stud address= Cairo Age= 21

Stud Name= Mona Saleh

Stud address= Cairo Age= 28

Stud Name= Mohamed

Stud address= Alex Age= 23

Stud Name= Moahmed

Stud address= Alex Age= 24

Stud Name= Heba Farouk

Stud address= Mansoura Age= 25

Stud Name= Ali Hussien

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 title bar indicates the project is named "MansouraReports" and is running under "Administrator" privileges. The menu bar includes File, Project, Build, View, Team, Insert, Reports, Tools, Architect, Analyze, Window, and Help. The toolbar contains various icons for file operations like New, Open, Save, Print, and Exit, along with font and color settings. The ribbon tabs include Report, Design, Preview, and Report3.rdl [Design] (which is currently selected). The Solution Explorer on the right shows the project structure: "MansouraReports" (1 project) containing "Shared Data Sources" (ITI_DS1.rds), "Shared Datasets", and "Reports" (StudsReports.rdl, Report1.rdl, Report2.rdl, Grades.rdl, Graphs.rdl, Report3.rdl). The Toolbox on the left lists "Report Items" such as Pointer, Text Box, Line, Table, Matrix, Rectangle, List, Image, Subreport, Chart, Gauge, Map, Data Bar, Sparkline, and Indicator. A message in the toolbox states: "There are no usable controls in this group. Drag an item onto this text to add it to the toolbox." The main workspace displays the design view of Report3.rdl, showing a table structure with three columns and three rows. Below the table is a large rectangular placeholder with three nested "Expr" boxes. The bottom of the screen features the Visual Studio status bar with tabs for Repo..., Serve..., Tool..., SSIS..., SQL..., Output, Error List, Data Tools Operations, and links for Solution Explorer, Team Explorer, Class View, Tabular Model..., and Go to Settings to activate Windows.



3-SQL Server Reporting Service-SSRS.

File Edit View Insert Tools Analyze Window Help

Report3.rdl [Design] Graphs.rdl [Design] Grades.rdl Report2.rdl [Design] Report1.rdl [Design]

Toolbox Search Toolbox Design Preview

Report Items

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

General

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

Row Groups Column Groups

=(Details)

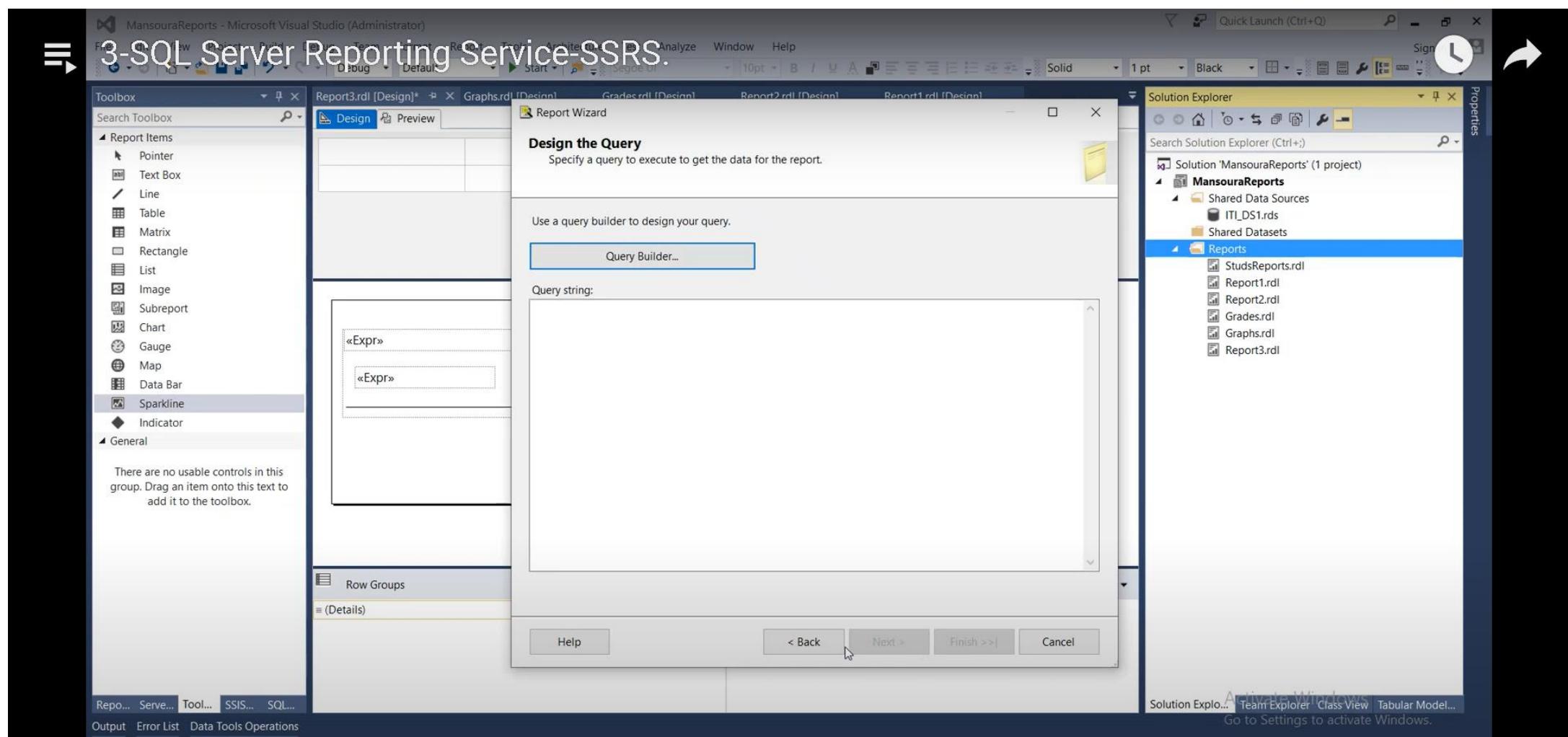
Solution Explorer Properties

Search Solution Explorer (Ctrl+F)

Solution 'MansouraReports' (1 project)

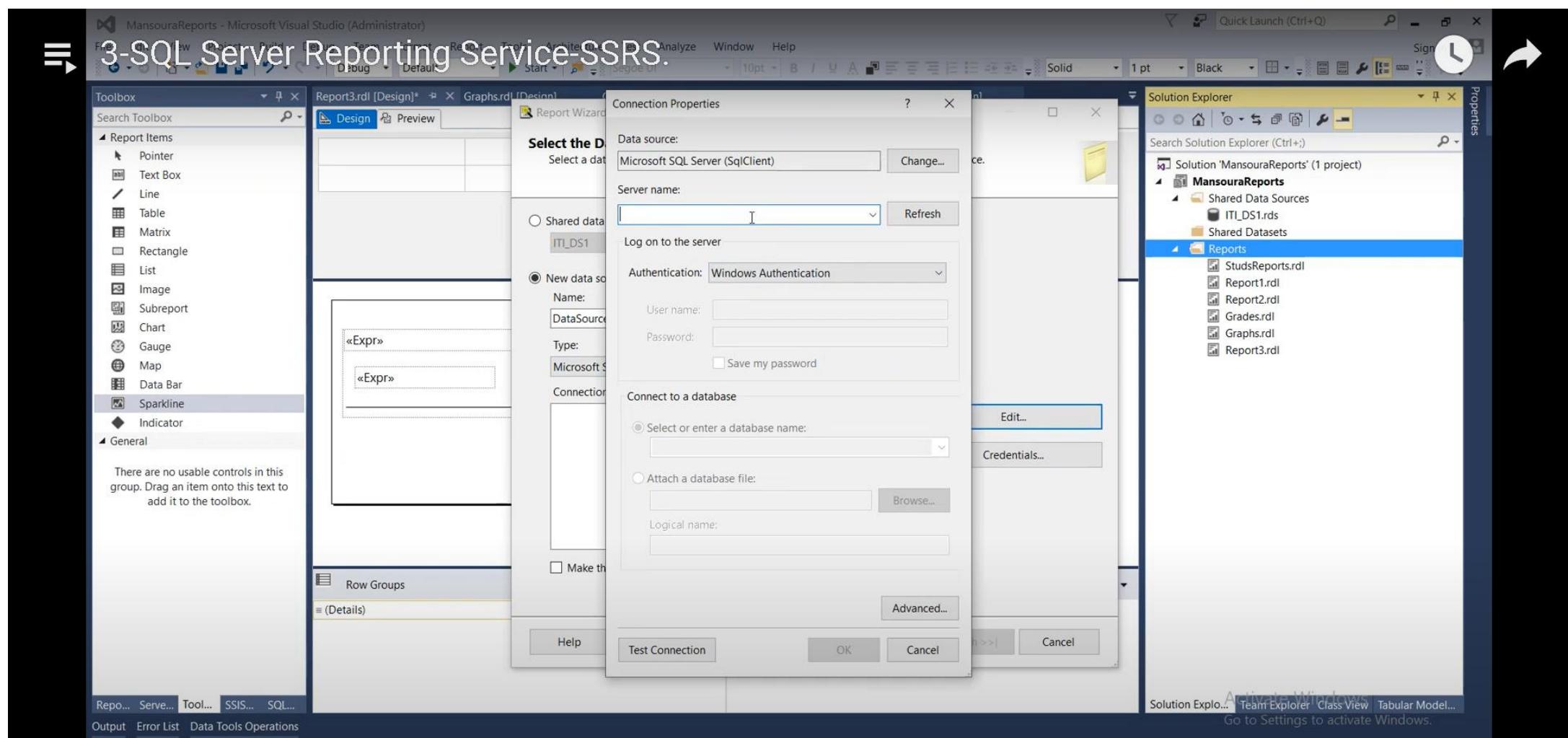
- MansouraReports
 - Shared Data Sources
 - ITI_DS1.rds
 - Shared Datasets
 - Reports
 - Add New Report
 - Add
 - Properties
 - Alt+Enter
 - Graphs.rdl
 - Report3.rdl

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



3-SQL Server Reporting Service-SSRS.

The screenshot shows the Microsoft Visual Studio interface for creating a SQL Server Reporting Service (SSRS) report. The main window displays the 'Report Wizard' dialog titled 'Select the Data Source'. The 'New data source' option is selected, with 'Name:' set to 'DataSource1' and 'Type:' set to 'Microsoft SQL Server'. A connection string input field is present, along with 'Edit...' and 'Credentials...' buttons. A checkbox for 'Make this a shared data source' is available. At the bottom of the dialog are 'Help', '< Back', 'Next >', 'Finish >>', and 'Cancel' buttons. The 'Design' tab is selected in the top navigation bar. The left side features a 'Toolbox' containing various report items like Pointer, Text Box, Line, Table, Matrix, Rectangle, List, Image, Subreport, Chart, Gauge, Map, Data Bar, Sparkline, and Indicator. A note in the toolbox states: 'There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.' The right side shows the 'Solution Explorer' pane with the project 'MansouraReports' containing files like ITI_DS1.rds, Shared Datasets, Reports (selected), StudsReports.rdl, Report1.rdl, Report2.rdl, Grades.rdl, Graphs.rdl, and Report3.rdl. The bottom status bar includes links for 'Activate Windows', 'Team Explorer', 'Class View', 'Tabular Model...', and 'Go to Settings to activate Windows.'





3-SQL Server Reporting Service-SSRS.

Report Designer

Design Preview

Report Wizard

Toolbox

Search Toolbox

Report Items

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

General

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

Connection Properties

Data source: Microsoft SQL Server (SqlClient) Change...

Server name: . Refresh

Log on to the server

Authentication: Windows Authentication

Name: DataSources

Type: Microsoft SQL Server

Connection

Connect to a database

Select or enter a database name: AdventureWorks2012

Attach a database file:

Browse... Logical name:

Advanced...

Test Connection OK Cancel

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

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

Properties

Output Error List Data Tools Operations

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

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



3-SQL Server Reporting Service-SSRS.

Toolbox

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

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

Report3.rdl [Design]*

Graphs.rdl [Design]

Grades.rdl [Design]

Report2.rdl [Design]

Report1.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 Totalsales
```

Help

< Back

Next >

Finish >>

Cancel

Solution Explorer

Search Solution Explorer (Ctrl+F)

Solution 'MansouraReports' (1 project)

MansouraReports

Shared Data Sources

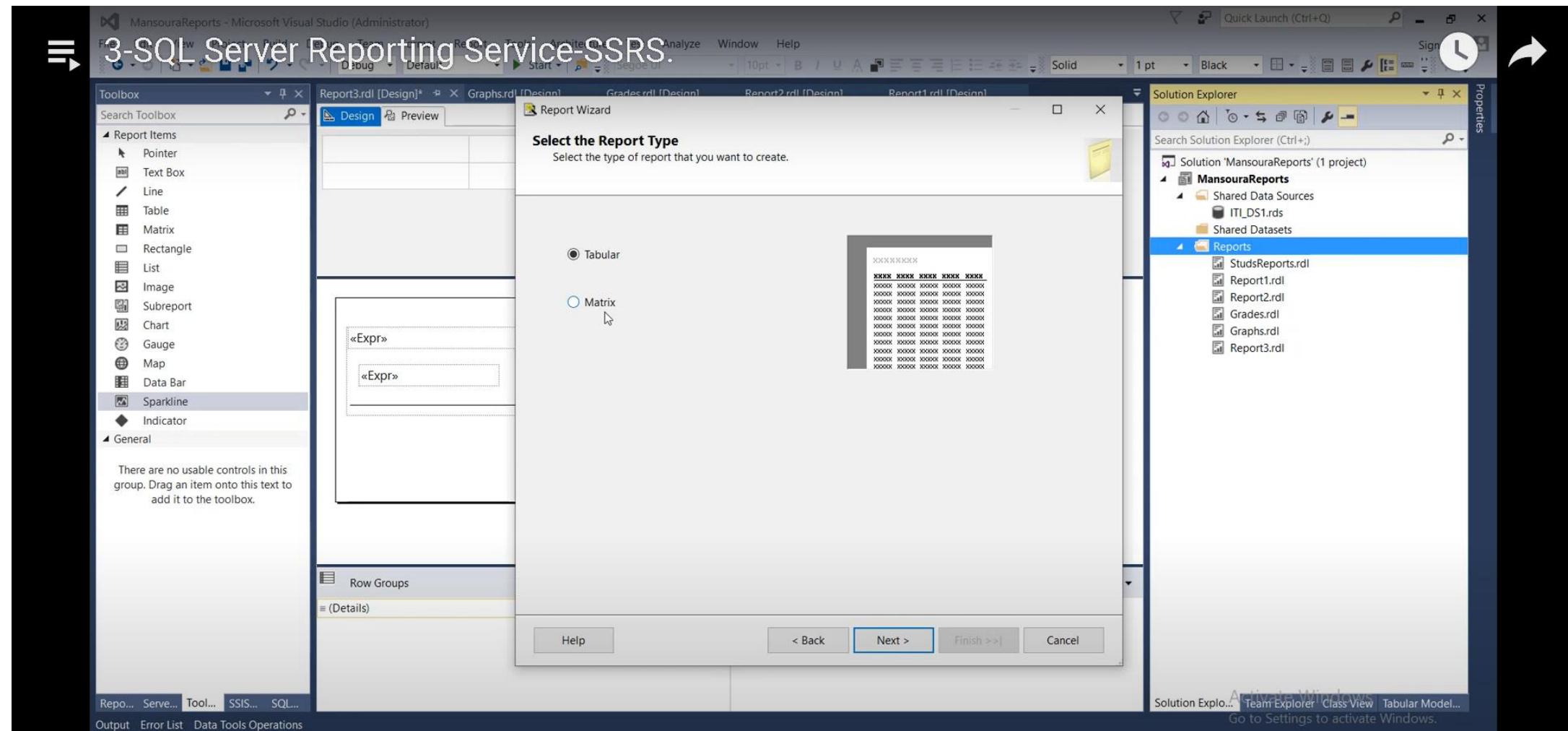
ITI_DS1.rds

Shared Datasets

Reports**StudsReports.rdl****Report1.rdl****Report2.rdl****Grades.rdl****Graphs.rdl****Report3.rdl**

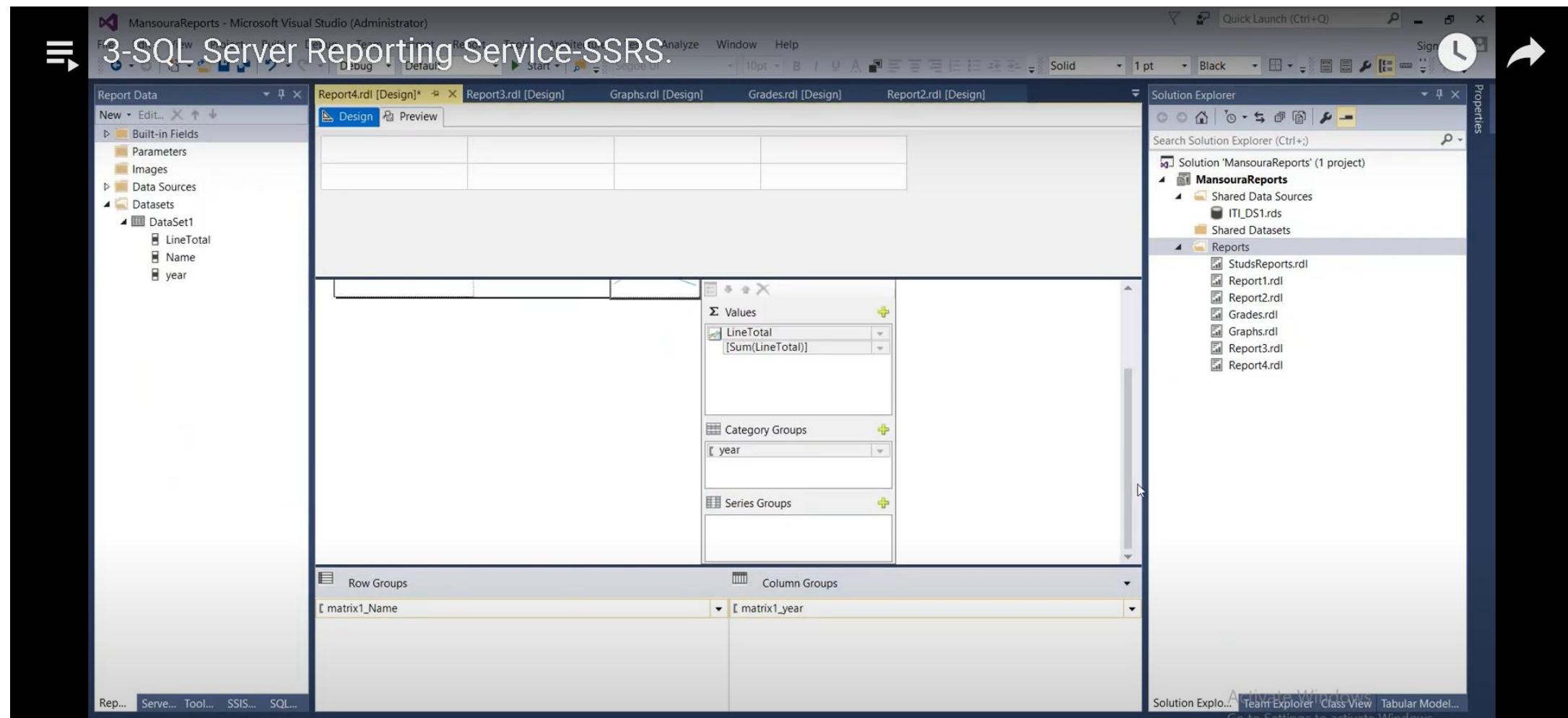
Solution Explorer Team Explorer Class View Tabular Model...

3-SQL Server Reporting Service-SSRS.



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 Matrix'. The 'Available fields:' list includes 'Page >', 'Columns >', 'Rows >', 'Details >', and '< Remove'. The 'Displayed fields:' list contains 'year', 'Name', and 'LineTotal'. A preview pane on the left shows a matrix structure with three columns labeled 'year', 'Name', and 'LineTotal'. The 'Solution Explorer' pane on the right lists the project 'MansouraReports' with files like 'ITI_DS1.rds', 'Report1.rdl', 'Report2.rdl', 'Grades.rdl', 'Graphs.rdl', and 'Report3.rdl'. The 'Properties' pane is visible on the far right. The bottom status bar indicates 'Active Windows' and 'Go to Settings to activate Windows.'



3-SQL Server Reporting Service-SSRS.

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Debug Design Tools Analyze Window Help

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

Toolbox

Search Toolbox

Report Items

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

General

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

Design Preview

Solid 1 pt Black

Properties

Solution Explorer

Search Solution Explorer (Ctrl+F)

Solution 'MansouraReports' (1 project)

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

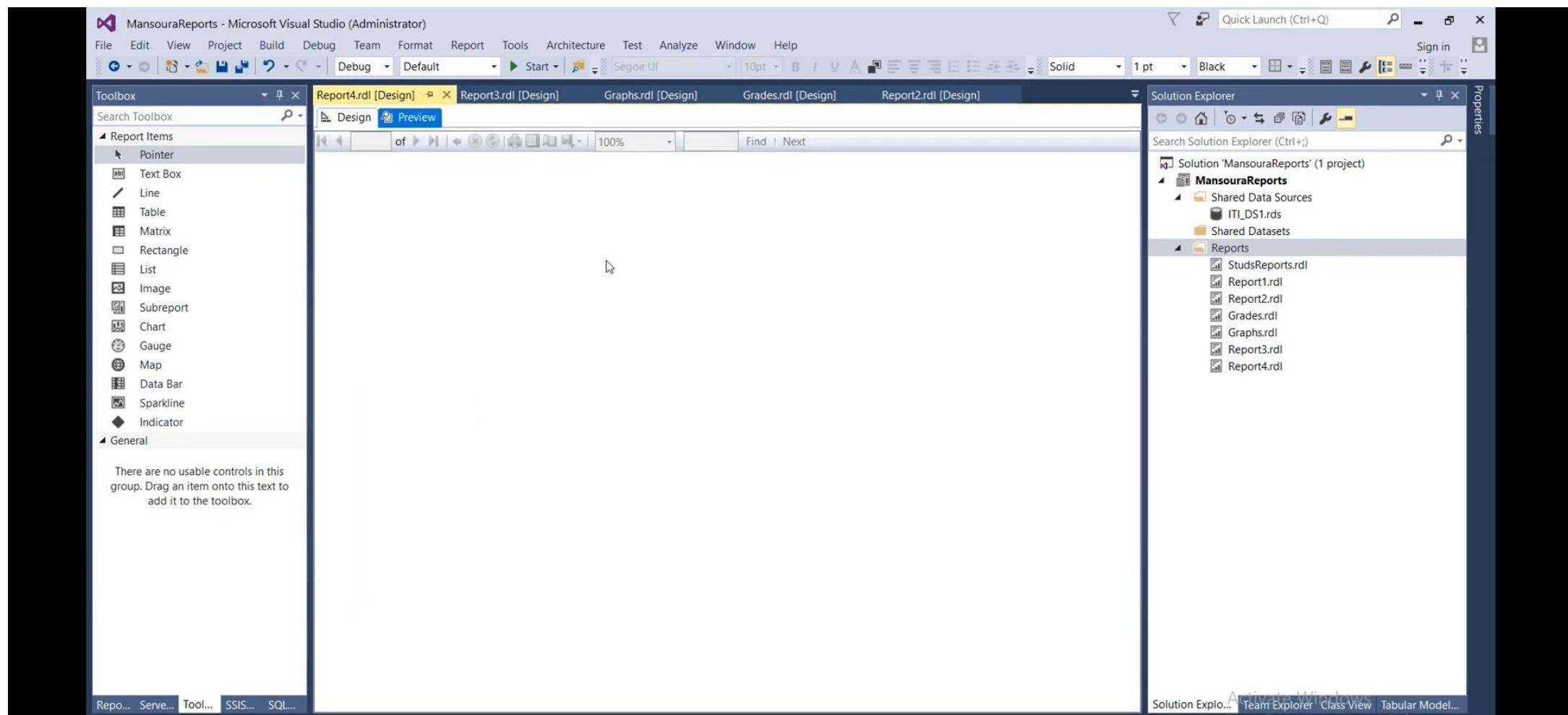
Row Groups Column Groups

matrix1_Name matrix1_year

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

Output Error List Data Tools Operations

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 design view of Report4.rdl [Design].

Toolbox: Shows the Report Items category, listing controls like Pointer, Text Box, Line, Table, Matrix, Rectangle, List, Image, Subreport, Chart, Gauge, Map, Data Bar, Sparkline, and Indicator. A note states: "There are no usable controls in this group. Drag an item onto this text to add it to the toolbox."

Solution Explorer: Shows the solution structure for 'MansouraReports' (1 project). The 'Reports' folder contains the following files: StudsReports.rdl, Report1.rdl, Report2.rdl, Grades.rdl, Graphs.rdl, Report3.rdl, and Report4.rdl.

Properties: Shows the properties for the selected report item.

Report View: Displays the report design with a table showing data for four categories: Accessories, Bikes, Clothing, and Components across the years 2005, 2006, 2007, and 2008.

	2005	2006	2007	2008
Accessories	20235.364608	92735.351714	590257.585193	568844.582411
Bikes	10661722.283160	26486358.197382	34923280.240858	22579811.983331
Clothing	34376.335246	485587.152840	1011984.504384	588594.532331
Components	615474.978800	3610092.471689	5485514.831961	2091511.003980

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 Report4.rdl, showing a table with data for four categories: Accessories, Bikes, Clothing, and Components across the years 2005, 2006, 2007, and 2008. The toolbox on the left contains various report items like Text Box, Line, Table, Matrix, Rectangle, List, Image, Subreport, Chart, Gauge, Map, Data Bar, Sparkline, and Indicator. The Solution Explorer on the right shows the project structure under 'MansouraReports' with files like ITI_DS1.rds, Shared Datasets, Reports (containing StudsReports.rdl, Report1.rdl, Report2.rdl, Grades.rdl, Graphs.rdl, Report3.rdl, and Report4.rdl), and Grades.rdl.

Report4

	2005	2006	2007	2008
Accessories	20235.364608	92735.351714	590257.585193	568844.582411
Bikes	10661722.283160	26486358.197382	34923280.240858	22579811.983331
Clothing	34376.335246	485587.152840	1011984.504384	588594.532331
Components	615474.978800	3610092.471689	5485514.831961	2091511.003980

Toolbox: Report Items (Pointer, Text Box, Line, Table, Matrix, Rectangle, List, Image, Subreport, Chart, Gauge, Map, Data Bar, Sparkline, Indicator, General). There is a note: "There are no usable controls in this group. Drag an item onto this text to add it to the toolbox."

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

Bottom navigation: Repo..., Serve..., Tool..., SSIS..., SQL...; Solution Explorer, Team Explorer, Class View, Tabular Model...

MansouraReports - Microsoft Visual Studio (Administrator)

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

Toolbox

Search Toolbox

Report Items

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

General

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

Design Preview

Report4

2005 2006 2007 2008

	2005	2006	2007	2008
Accessories	20235.364608	92735.351714	590257.585193	568844.582411
Bikes	10661722.283160	26486358.197382	34923280.240858	22579811.983331
Clothing	34376.335246	485587.152840	1011984.504384	588594.532331
Components	615474.978800	3610092.471689	5485514.831961	2091511.003980

Sparkline .NET Component

There are no us... Displays data graphically as sparklines.

group. Drag an item onto this text to add it to the toolbox.

Solution Explorer

Search Solution Explorer (Ctrl+Shift+F)

Solution 'MansouraReports' (1 project)

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

Properties

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

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

خط الاتجاه هو أحد أهم أدوات التحليل الفني وهو عبارة عن خط مستقيم يصل بين قمتين / قاعتين أو أكثر ويمتد مع حركة السعر ليمثل مستوى دعم أو مقاومة متحرك للسعر. وخطوط الاتجاه نوعان: خط اتجاه صاعد: يرسم على القيعان أسفل السعر من اليسار إلى اليمين.



المتداول العربي

: أدوات التحليل الفني > ... >

خطوط الاتجاه - Trend Lines - المتداول العربي

3-SQL Server Reporting Service SSRS

www.youtube.com is now full screen (Press Esc to exit full screen mode)

MansouraReports - Microsoft Visual Studio (Administrator)

Toolbox

Report4.rdl [Design]* Report3.rdl [Design] Graphs.rdl [Design] Grades.rdl [Design] Report2.rdl [Design]

Design Preview

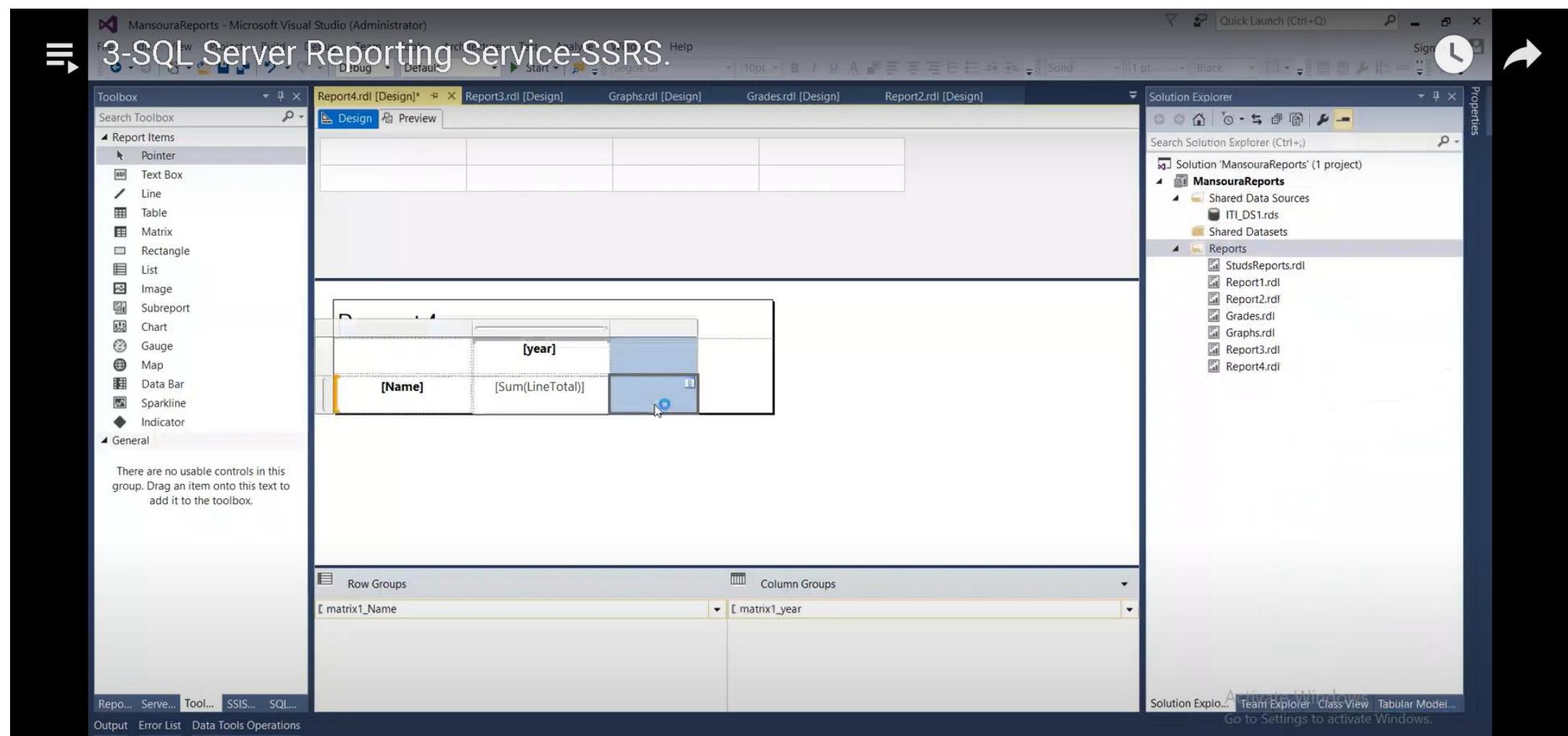
Properties

Alignment: Padding 2pt, 2pt, 2pt, 2pt
SpaceAfter
SpaceBefore
Indent: TextAlign Center
VerticalAlign Default
Border: BorderColor LightGrey
BorderStyle
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 Default
BackgroundColor

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

Row Groups: matrix1_Name
Column Groups: matrix1_year

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



MansouraReports - Microsoft Visual Studio (Administrator)



3-SQL Server Reporting Service SSRS.

File Edit View Insert Reports Tools Help

Design Preview

Report4.rdl [Design]*

Search Toolbox

Report Items

Pointer

Text Box

Line

Table

Matrix

Rectangle

List

Image

Subreport

Chart

Gauge

Map

Data Bar

Sparkline

Indicator

General

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

Row Groups

matrix1_Name

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

Output Error List Data Tools Operations

Column

Line

Area

Shape

Range

Column

Line

Area

Shape

Range

x

Quick Launch (Ctrl+Q)



Sign In



Solution Explorer



Search Solution Explorer (Ctrl+Shift+F)

Solution 'MansouraReports' (1 project)

MansouraReports

ITI_DS1.rds

Shared Datasets

Reports

StudsReports.rdl

Report1.rdl

Report2.rdl

Grades.rdl

Graphs.rdl

Report3.rdl

Report4.rdl

Properties





3-SQL Server Reporting Service SSRS.

Toolbox

Search Toolbox

Report Items

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

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

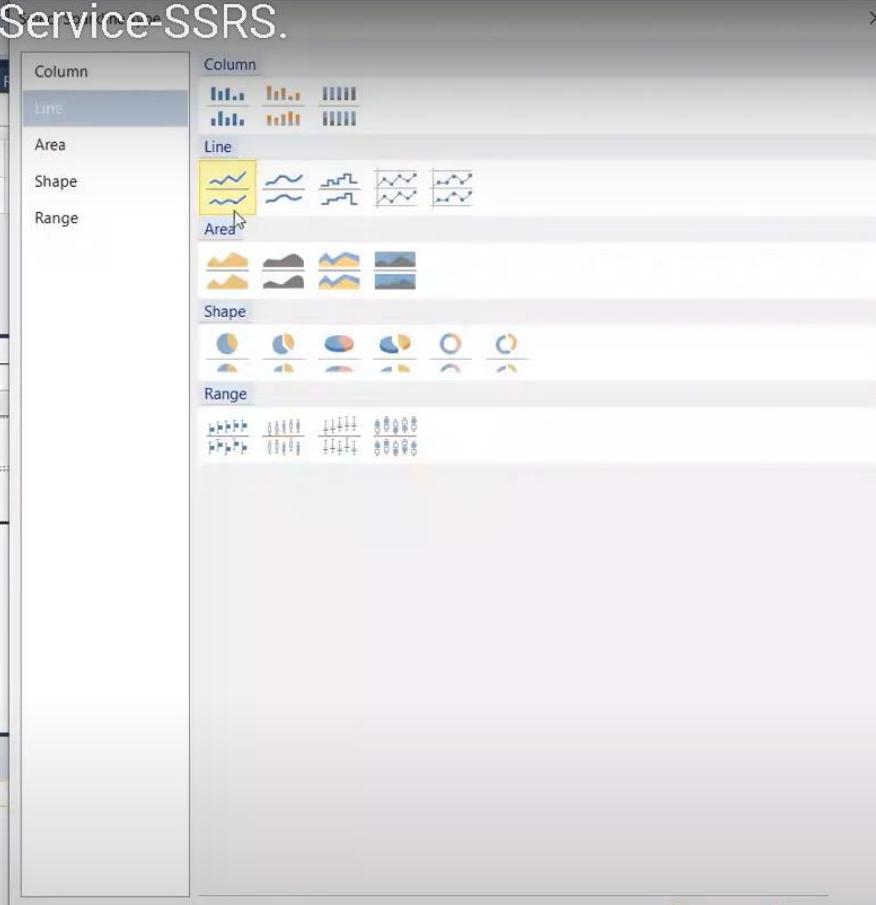
Report4.rdl [Design]*

Design Preview

Row Groups

matrix1_Name

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



Solution Explorer

Search Solution Explorer (Ctrl+.)

MansouraReports

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

Properties

OK Cancel

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

MansouraReports - Microsoft Visual Studio (Administrator)

File Tools Project References Analyze Window Help



W

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V

W

X

Y

Z

Quick Launch (Ctrl+Q)



3-SQL Server Reporting Service-SSRS.

Toolbox

Search Toolbox

Report Items

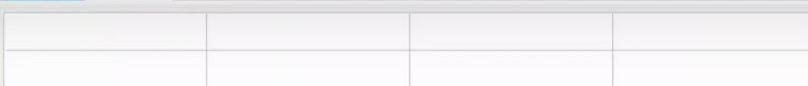
- Pointer
- Text Box
- Line
- Table
- Matrix
- Rectangle
- List
- Image
- Subreport
- Chart
- Gauge
- Map
- Data Bar
- Sparkline
- Indicator

General

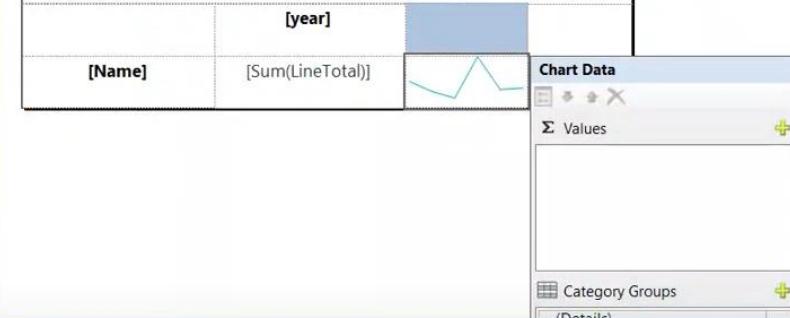
There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Report4.rdl [Design]* Report3.rdl [Design] Graphs.rdl [Design] Grades.rdl [Design] Report2.rdl [Design]

Design Preview



Report4



Row Groups

matrix1_Name

Column Groups

matrix1_year

Solution Explorer

Search Solution Explorer (Ctrl+.)

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

Activate Windows
Go to Settings to activate Windows...

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

MansouraReports - Microsoft Visual Studio (Administrator)

Report Data

New Edit...



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

Design Preview

1 of 1 100% Find Next

Report4

2005

2006

2007

2008

Accessories

20235.364608

92735.351714

590257.585193

568844.582411

Bikes

10661722.283160

26486358.197382

34923280.240858

22579811.983331

Clothing

34376.335246

485587.152840

1011984.504384

588594.532331

Components

615474.978800

3610092.471689

5485514.831961

2091511.003980



Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'MansouraReports' (1 project)

MansouraReports

Shared Data Sources

ITI_DS1.rds

Shared Datasets

Reports

StudsReports.rdl

Report1.rdl

Report2.rdl

Grades.rdl

Graphs.rdl

Report3.rdl

Report4.rdl

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

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

MansouraReports - Microsoft Visual Studio (Administrator)

3-SQL Server Reporting Service-SSRS.

The screenshot shows the Microsoft Visual Studio interface for a SQL Server Reporting Services (SSRS) project named 'MansouraReports'. The main window displays the 'Report4.rdl [Design]' tab, showing a report titled 'Report4' with a table and four green line charts. The table has columns for years 2005, 2006, 2007, and 2008, and rows for 'Accessories', 'Bikes', 'Clothing', and 'Components'. The chart area is currently empty. The Solution Explorer on the right lists the project structure, including 'Shared Data Sources' (ITI_DS1.rds), 'Shared Datasets', and the 'Reports' folder containing 'StudsReports.rdl', 'Report1.rdl', 'Report2.rdl', 'Grades.rdl', 'Graphs.rdl', 'Report3.rdl', and 'Report4.rdl'. The status bar at the bottom shows 'Activate Windows' and other navigation links.

	2005	2006	2007	2008
Accessories	20235.364608	92735.351714	590257.585193	568844.582411
Bikes	10661722.283160	26486358.197382	34923280.240858	22579811.983331
Clothing	34376.335246	485587.152840	1011984.504384	588594.532331
Components	615474.978800	3610092.471689	5485514.831961	2091511.003980

MansouraReports - Microsoft Visual Studio (Administrator)

File Edit View Tools Report Data Analyze Window Help



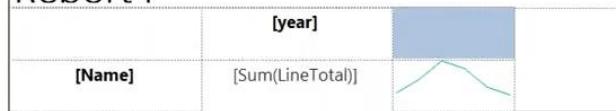
New Edit...



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

Design Preview

Report4



Row Groups

matrix1_Name

Column Groups

matrix1_year

Solution Explorer

Search Solution Explorer (Ctrl+Shift+F) Solution 'MansouraReports' (1 project)

MansouraReports

Shared Data Sources
ITI_DS1.rds

Shared Datasets

Reports

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

Solution Explorer Team Explorer Class View Tabular Model...

Dynamec.

static.



Data analysis: The core of business intelligence is focused on descriptive and diagnostic analytics, which answers questions of where your company has been, where it is now, and why things are the way they are now. BI tools need to be able to draw from data storage to conduct these different types of analyses.



تحليل البيانات: يركز جوهر استخبارات الأعمال على التحليلات الوصفية والتشخيصية، والتي تجيب على أسئلة حول مكانة شركتك في الماضي، وأين هي الآن، ولماذا أصبحت الأمور على هذا النحو الآن. يجب أن تكون أدوات استخبارات الأعمال قادرة على الاستفادة من تخزين البيانات لإجراء هذه الأنواع المختلفة من التحليلات.

tahlil albayanati: yurakiz jawhar aistikhbarat al'aemal ealaa altahlilat alwasfiyat waltashkhisiati, walati tujib ealaa 'asyilat hawl makanat