Reporting Services

2 day training course







Course contents

This course will cover the following topics. Those marked with (*) will be covered if time allows.

Introduction to SSRS

- Visual Studio and SSDT
- Solutions and projects
- The Visual Studio environment

Designing a Simple Report

- Authoring a report
- Using report items
- Selecting and formatting items
- Number formats

Data sources and datasets

- Shared data sources
- Shared vs embedded datasets
- Using Query Designer

Tables

- Structure of a table
- Formatting tables
- Interactive sorting
- Repeating page headers

Grouping tables

- Using the grouping panes
- Row and column groups
- Displaying subtotals
- Outlining

Expressions

- Calculated fields
- The ReportItems collection
- Using built-in fields
- Conditional formatting

Pages and printing

- Page headers and footers
- Pagination between groups
- Header and footer expressions

Parameters

- Using query parameters
- Creating drop lists
- Multi-value drop lists
- Formatting using parameters

Indicators

- Creating indicators
- Changing the symbols displayed
- Stopping indicators stretching

Gauges

- Creating and formatting gauges
- Gauge panels
- Pointers, scales and ranges

Matrices

- Areas of a matrix
- Sorting and grouping matrices
- Creating and formatting subtotals

Charts

- The areas of a chart
- Creating charts
- Formatting charts

Data bars and sparklines

- Need for a grouped row
- Creating data bars
- Creating sparklines

Lists

- Creating and formatting lists
- Grouping using lists
- Using rectangles in lists

Subreports (*)

- Creating a child report
- Creating the main report
- Creating and formatting

Drill-through reports

- Parent and child reports
- Creating actions
- Passing values to a child report

Maps (*)

- ESRI shapefiles / spatial data
- Linking to datasets
- Map layers
- Center points and point layers

Deploying reports

- Setting the target server
- Deploying an entire project
- Deploying single reports

The SSRS web portal

- Browsing to the web portal
- Viewing reports
- Managing reports

Subscriptions (*)

- How subscriptions work
- Creating a new subscription
- Managing subscriptions