

# **Fast track SSRS**

# 3 day training course







## **Course contents**

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

## From our Reporting Services course

## **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

#### **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 subreports

## **Drill-through reports**

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

## Maps (\*)

- ESRI shapefiles / SQL 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



# Pages and printing

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



# From our Advanced SSRS course

## **Advanced expressions**

- Understanding scope
- Using RowNumber
- Running totals

## **Variables**

- · How variables work
- Report variables
- Group variables

## **Embedding code**

- Setting code for a report
- Calling functions in expressions
- · Better ways to write code

## **Using SQL views**

- · Why views are a good idea
- Designing views
- Scripting views
- Using views in reports

## Stored procedures in SSRS

- Pros and cons of stored procedures
- Server Explorer vs SSMS
- Creating and editing procedures
- Using for reports

## Stored procedure parameters

- Creating report parameters
- · Refreshing fields
- Default and null values

## **Dropdowns with procedures**

- The stored procedures needed
- Cascading dropdowns
- Replacing SELECT A VALUE

# Multivalue parameter procedures (\*)

- · Splitting the choices made in SQL
- · Displaying the chosen data
- Restricting the number of choices

## Improving report navigation

- · Document maps
- Using bookmarks
- · Setting tooltips

## **Dynamic reports**

- · Dynamic datasets
- Dynamic grouping
- Dynamic matrices



# **Pre-requisites for Fast track SSRS course**

You don't need any pre-existing knowledge of SQL or SQL Server to attend this course, although if you understand how databases are constructed using tables and relationships you'll have a head start. What you must have is a very good aptitude for IT, otherwise you won't enjoy your three days!

## **Prices**

Venue	Address	Price per place
<u>London</u>	Landmark, 99 Bishopsgate, London EC2M 3XD	£1,995 per person + VAT
Manchester	Holiday Inn, 25 Aytoun Street, Manchester M1 3AE	£1,695 per person + VAT
Online	Your home or office!	£1,350 per person + VAT

## **Scheduled Dates**

Dates	Venue	Times	Price per place	Booking
Mon/Wed 02-04 February 2026	Online	09:30-16:30	£1,350 + VAT	Book this
Mon/Wed 02-04 March 2026	Online	09:30-16:30	£1,350 + VAT	Book this
Tue/Thu 31st Mar/2nd April 2026	Online	09:30-16:30	£1,350 + VAT	Book this
Tue/Thu 28-30 April 2026	Online	09:30-16:30	£1,350 + VAT	Book this
Wed/Fri 27-29 May 2026	Online	09:30-16:30	£1,350 + VAT	Book this

If you can't see the dates that you want, ask us about organizing a customized course at your office (we'll provide and set up the computers), or else an online course tailored to your needs.