

# Advanced SSRS

## 2 day training course



## Course contents

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

### Revision of grouping

- Creating grouped tables
- Fixing page headers
- Collapsing and expanding

### Revision of expressions

- Calculated fields
- Using the expression builder
- Conditional formatting

### 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

### Revision of parameters

- Configuring parameters
- Referencing parameters
- Dealing with no rows
- Default and null values
- Dropdown parameters

### 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 Advanced SSRS course

The ideal preparation for this course is to attend our two-day Reporting Services course. We will accept other delegates, but you must have a good understanding of how to create reports in SSRS. Delegates must also know some SQL. This course is taught using SQL Server 2016, although the version isn't particularly important.

## Prices

Venue	Address	Price per place
<a href="#">London</a>	Landmark, 99 Bishopsgate, London EC2M 3XD	£1,525 per person + VAT
<a href="#">Manchester</a>	Holiday Inn, 25 Aytoun Street, Manchester M1 3AE	£1,150 per person + VAT
<a href="#">Online</a>	Your home or office!	£995 per person + VAT

## Scheduled Dates

We don't currently have any dates scheduled for this course, but it's always worth contacting us to see if we'll add some. Alternatively, ask us about organizing a customized course at your office (we'll provide and set up the computers, or an online course tailored to your needs).