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