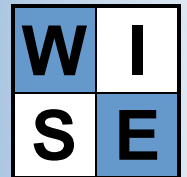


- COURSE CODE:** SQSRS8
- COURSE TITLE:** SQL Server 2008 Reporting Services (SSRS)
- AUDIENCE:** Data architects, business intelligence/data warehouse specialists, developers and analysts.
- PREREQUISITES:** Completion of our course 'Data Warehousing Terms, Concepts & Architecture' (DWHTCA) or equivalent knowledge. Basic knowledge of SQL on any relational DB platform.
- DURATION:** 3 days
- LEVEL:** Beginner-to-intermediate
- SUMMARY:** This scenario-based presentation details how to use SQL Server 2008 Reporting Services (SSRS) to design a robust reporting solution to support a BI solution.
- OBJECTIVES:** Upon completion of this presentation, the delegate should be competent to:
- Identify and manage report data
 - Create reports using tools such as Report Wizard, Report Designer and Report Builder
 - Create different types of reports, such as tables, matrices, charts or tablix
 - Add expressions to reports
 - Add parameters to reports
 - Manage and secure reports
 - Render reports in Excel/Word
 - Etc.
- FORMAT:** Hands-on (about 70%).



1. SQL SERVER 2008 BUSINESS INTELLIGENCE FEATURES

- Integration Services
- Analysis Services
- Reporting Services

2. REPORTING CONSIDERATIONS

- Reporting options
- Audience type considerations
- Enterprise reporting life cycle
- Ad-hoc reporting
- Integration with Microsoft Office SharePoint Services (MOSS)

3. SSRS INSTALLATION CONSIDERATIONS

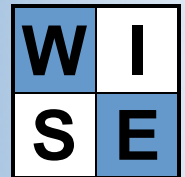
- Deployment options
- Installation requirements
- SSRS configuration

4. CREATING REPORTS

- Report Builder vs. Report Designer
- Data source definition
- Using multiple data sources
- Structuring data
- Report Wizard
- Using style templates
- Report layout
- Structuring a report
- Formatting a report
- Sorting data in a report
- Publishing a report
- Report management
- Accessing a report
- Exporting a report
- Render reports in Excel/Word

5. EXPRESSIONS

- Collections
- Calculating values with expressions
- Aggregate functions
- Conditional formatting



6. ORGANISING DATA

- Flexible Report Layout
- Data regions
- Tables
- Matrices
- Charts
- Lists
- Tablix

7. ADVANCED REPORTING FEATURES

- Query parameters
- Report parameters
- Interactive features (actions, subreports, etc.)
- Drill-down reports
- Drill-through reports

8. REPORT MODELS

- Create a report model
- Change a report model
- Publish a report model
- Secure a report model
- Using a report model in Report Builder
- Report Builder 1.0 vs. Report Builder 2.0

9. CONTENT MANAGEMENT

- Report deployment options
- Content organisation
- Report caching
- On-demand processing
- Instance-based rendering
- Report snapshots
- Shared schedules
- Report history

10. SECURITY CONSIDERATIONS

- Report server security
- Data security