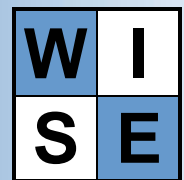


- COURSE CODE:** SQSRS8
- COURSE TITLE:** SQL Server 2008/2008 R2 Reporting Services (SSRS)
- AUDIENCE:** Data architects, business intelligence/data warehouse specialists, developers and analysts.
- PREREQUISITES:** Completion of our course 'SQL Server: SQL (DML) Fundamentals' (SQSSQF) or equivalent knowledge.
- DURATION:** 3 days
- LEVEL:** Beginner-to-intermediate
- SUMMARY:** This scenario-based presentation details how to use SQL Server 2008/2008 R2 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 1.0, 2.0 and 3.0
  - Create different types of reports, such as tables, matrices, charts and gauges
  - Group data in rows and/or columns
  - 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

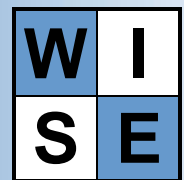
- Deployment options
- Installation requirements
- SSRS configuration

## 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
- Expression scope
- Conditional formatting



## 6. ORGANISING DATA

- Flexible Report Layout
- Data regions
- Tablix
- Tables
- Matrices
- Lists
- Charts
- Gauges
- Sparklines
- Grouping Data

## 7. ADVANCED REPORTING FEATURES

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

## 8. AD-HOC REPORTING

- Create a report model
- Manage and secure a report model
- Using a report model in Report Builder
- Report Builder 1.0 vs. Report Builder 2.0 vs. Report Builder 3.0

## 9. CONTENT MANAGEMENT

- Report deployment options
- Content organisation
- Managing data sources
- Managing reports with parameters
- Linked reports
- Report caching
- On-demand processing
- Instance-based rendering
- Report snapshots
- Shared schedules
- Report history

## 10. SECURITY CONSIDERATIONS

- Report server security
- Data security