
Microsoft SQL Server 2008 Reporting Services (SSRS) Workshop

Duration: 3 days

Prerequisites

- Discussion over Required Technical Knowledge for a Professional

Course Content:

Introduction

- Why SSRS?
- Salient features of SSRS.
- SQL Server 2008 Editions and Features.
- Review Hardware Requirements for SSRS.
- Review Software Requirements for SSRS.
- Review Configuration Prerequisites.

- Walkthrough/Demo: - Installation of SQL Server 2008 & SSRS.
- Walkthrough/Demo: - Various components of SSRS.
- Walkthrough/Demo: - Reporting Services configuration.

Understanding Reporting

- Enterprise Reporting Life Cycle.
- Reporting Services Components.
- Discussion - Real-time reporting scenario.

Authoring Reports

- Understanding a Report Designer File.
- Preparing a Report Using Report Designer.
- Structuring a Report Using Report Designer.
- Formatting a Report Using Report Designer.
- Implementation of Expressions to Format and Calculate Values.
- Discussion on Various Reporting Services in-built Functions.
- Understanding Data Regions.
- Using a Matrix.
- Using a Chart.
- Using a List.
- Using Parameters to Filter Data.
- Linking Information with Interactive Features.
- Working with Hierarchical Data.
- Understanding a Report Model.
- Creating and Maintaining a Report Model.
- Creating Reports with Report Builder.

- Walkthrough/Demo: - How to create report & implement expressions.
- Walkthrough/Demo: - How to use Matrix, Chart and List controls.
- Walkthrough/Demo: - How to implement parameters.
- Walkthrough/Demo: - How to implement Views/Stored Procedures.

Managing the Report Server

- Publishing Reports.
- Organizing Content.
- Using Properties to Manage Report Content.
- Managing Report Execution.

- Using Report Server Security.
- Applying Data Security.

- Walkthrough/Demo: - How to publish reports.
- Walkthrough/Demo: - How to user report server security mechanism.
- Walkthrough/Demo: - How to manage report execution & apply data security.

Delivering Reports

- Finding & Viewing Reports.
- Saving Reports for Future Reference.
- Comparing Rendering Formats.
- Rendering for Online Viewing.
- Rendering for Document Management.
- Rendering for Data Exchange.
- Creating a Standard Subscription.
- Creating a Data-Driven Subscription.
- Managing Subscription.

- Walkthrough/Demo: - Finding & viewing reports and saving reports for future reference.
- Walkthrough/Demo: - Rendering for online viewing, document management, data exchange.
- Walkthrough/Demo: - Creation and implementation of Standard and Data-driven subscriptions and managing subscription.

Programming Reporting Services

- Using Custom Code.
- Creating Custom Data Processing Extensions.
- Generating Report Definition Language.
- Understanding the Web Services.
- Using the rs utility.
- Custom Application to Manage Reporting Services.
- Using the Reporting Services WMI Provider.
- Using URLs.
- Using Web Services.

- Walkthrough/Demo: - Custom code implementation and custom data processing extensions.
- Walkthrough/Demo: - Report definition language, using web services, using “rs” utility.
- Walkthrough/Demo: - Reporting Services WMI Provider & URL implementation.