



Description

ET : 515

Course Level

Professional

Course Duration

5 Days.

Who should attend?

This course is vital for database designers and developers, analysts, database administrators, or those interested in generating business data reports with a full web-based, secure deployment.

Intended for those who are looking to augment SQL Server 2000 or 2005 by leveraging the power of Reporting Services.

Pre-requisites

Experience using SQL Server and an understanding of relational database concepts.

Using Microsoft SQL 2005 Reporting Services

Developing Business Intelligent

Overview

SQL Server 2005 Reporting Services extends the Microsoft business intelligence vision by making it convenient to get information to the right people, at the right time, in any business environment. Microsoft's SQL 2005 Reporting Services is a fully scalable, server-based platform for creating, managing, and delivering traditional and interactive reports. The SQL 2005 Reporting Services course will introduce you to this breakthrough server-based reporting platform you can use to create valuable reports containing information from relational and multi-dimensional data sources. The reports you create can be viewed and managed over a Web-based interface.

Discover the advantages of Microsoft SQL 2005 Reporting Services and learn how to build a reporting environment for your organization

Course Objective

- Discover how to build business intelligence reports
- Leverage the power of report wizards to quickly build charts
- Create and manage interactive reports by easily integrating business data
- Utilize the Reporting Services Designer to author chart reports
- Create a custom security design for deployment
- Deploy and render reports in multiple formats via the web-based Report Manager
- Set up Report Builder for ad-hoc reporting using Report Models

Course Descriptions.

Module 1: Introduction to SQL Reporting Services

Module 2: Reporting Services Architecture

Module 3: Database Access in Reporting Service

Module 4: Developing Report

Module 5: Report Rendering Formats

Module 6: Report Deployment Techniques

Module 7: Securing Report Access

Module 8: Report Builder

Module 9: Advanced Reporting Techniques

Module 10: Troubleshooting and Maintenance of the Reporting Services

Course Outline

1. Business Intelligence and SQL Reporting Services

- Reporting Life Cycle
- New Features
- Editions
- System Requirements
- Installation
- Post-installation Steps

2. Examining the Reporting Services Architecture

- Reporting Services Overview
- Development Environment
- Report Manager
- Sample Reports
- Report Wizard

3. Database Access Basics

- SQL Server Management Studio
- Business Intelligence Development Studio for Data Access
- SQL Select Statements
- Complex Join Operations
- Aggregate Functions

4. Report Development

- Business Intelligence Development Studio
- Report Designer
- Report Formatting
- Calculated Fields and Values in Reports

5. Report Rendering Formats

- Export and Printing of Reports
- Presentation Formats
- Export Formats
- Rendering Options

6. Report Deployment Techniques

- Deployment Tools
- Report Manager
- Subscriptions
- Data Driven Subscriptions
- NET Assemblies to generate RDL

7. Securing Report Access

- Reporting Services Security
- Web Host Security
- Role-based Security
- Role Definitions
- Tasks and Permissions
- Role Assignments
- Custom Security Extension
- Combining Reports
- Charts
- Pre-Defined Reporting Services Packages

8. Report Builder

- Report Builder Architecture
- Report Models
- Report Builder

9. Advanced Reporting Techniques

- Dynamic Reports
- Advanced Parameter Usage
- Advanced Grouping
- Combining Reports
- Charts
- Pre-Defined Reporting Services Packages

10. Troubleshooting and Maintenance of the Reporting Services Architecture

- Backup and Restore of Reporting Services
- Common Installation Errors
- Database Connection Errors
- Credential Errors
- Report Errors
- Data Access Errors

Course Code

ET : 515

Course Title

Using Microsoft SQL 2005 Reporting Services

Hands-On Labs

Course Code

ET : 515

Course Title

Using Microsoft SQL 2005
Reporting Services

Lab 1: Install SQL Server 2005 Reporting Services

Lab 2: Set Up and Use Reporting Services

Lab 3: Database Access Basics

Lab 4: Report Development

Lab 5: Report Rendering Formats

Lab 6: Report Deployment Techniques

Lab 7: Securing Report Access

Lab 8: Report Builder

Lab 9: Advanced Reporting Techniques

Lab 10: Troubleshooting and Maintenance of Reporting
Services