SQL Server 2008/R2 Reporting Services

Course Description
This course is a comprehensive course for Microsoft SQL Server 2008 Reporting Services and for SQL Server 2008 R2 Reporting Services (yes, it covers both!). This course features coverage of the two main sides of Reporting Services: Creating reports and Administering a Reporting Services installation. Coverage includes extensive content for working with SQL Server 2008’s Report Builder 2.0, SQL Server 2008 R2’s Report Builder 3.0, as well as how to create everything from simple reports to complex reports. We also cover administrative topics like installation, security, and backup and recovery. This course also makes extensive use of LearnItFirst’s video exercises (hands-on labs) which include complete walk-throughs of the solutions (and come with the .sql files containing both the problems and the solutions).

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Pricing and Multi-User Licensing
LearnItFirst’s courses are priced on a per user, per course basis. Volume discounts start for as few as five users. Please visit our website or call us at +1(877) 630-6708 for more information.

$99.95 per user

• Purchasing this course allows you access to view and download the videos for one full year
• Course may be watched as often as necessary during that time
Who Is This Course Designed For?

This course is designed for three groups of people: (1) people who want to learn to create and write reports in Reporting Services, (2) people who need to administer Reporting Services, and (3) people who need to administer a team’s reports.

Pre-Requisites

This is not a query writing course; it is a course on how to take your SQL queries and turn them into amazing looking reports. As such, prior knowledge of LearnItFirst’s Course 160: ‘Writing SQL Server Queries’ is assumed (so please review that course prior to purchasing this course).

About the Instructor

Scott Whigham is the founder of LearnItFirst.com, one of the web’s most extensive video training libraries focusing on technical training. Scott is also an experienced consultant, trainer, and author with more than a decade of hands-on experience working with SQL Server databases, writing and debugging applications using Visual Studio, and performance tuning. Scott designed the architecture (websites, class libraries, and database) for the LearnItFirst.com websites and, most recently, was involved in upgrading the websites and support applications from Visual Studio 2005 to Visual Studio 2008 and to SQL Server 2008. Before founding LearnItFirst, Scott had been an independent consultant since 1998 focusing on SQL Server and .NET performance tuning and data warehousing. Scott has been asked to speak and train at events in the United States and Europe. As an author, Scott has written courses on SQL Server and C# and VB languages as well as popular articles for top-selling magazines and the MSDN (Microsoft Developer Network) library.

Frequently Asked Questions

• “How do I access the videos?” You can access the videos 24/7 online via our website
• “Do I have to have internet access to watch the videos?” No! Users can download the videos to their hard drive.
• “How long are the videos?” The videos are broken into 10 minute task-oriented segments designed to teach you a single task
• “How many videos are in a course?” It depends on the topic; courses can have anywhere from 20 - 200 videos!

For More Details

Visit http://www.learnitfirst.com/Course/162/SSRS-2008.aspx for more information and to watch free sample videos from this course.
Videos in this course:

Chapter 1: An Introduction to Reporting Services

1.1 - Course Introduction - What Is Covered in this Course?
1.2 - Course Introduction - Who Should Take this Course?
1.3 - What Versions of SQL Server Does this Course Use?
1.4 - How this Course Is Arranged
1.5 - What is Reporting Services?
1.6 - New Features in SQL Server 2008 Reporting Services, Part 1
1.7 - New Features in SQL Server 2008 Reporting Services, Part 2
1.8 - New Features in SQL Server 2008 R2 Reporting Services
1.9 - Introduction to the Databases and Data Sources Used in this Course
1.10 - How to Get the Most Out of this Course
1.11 - How the Exercises Are Designed to Help You
1.12 - Operating Systems, SQL Server Versions, and Differences
1.13 - Using SQL Server Management Studio
1.14 - Exercise 01: How to Use the Exercises in this Course
1.15 - Exercise 02: Using SQL Server Management Studio
1.16 - Exercise 03: Installing the Course Database on Your Machine
1.17 - Exercise 04: Using Books Online to Troubleshoot and Learn

Chapter 2: Installing and Configuring Reporting Services

2.1 - Chapter Introduction: What is Included in this Chapter
2.2 - The Various Editions of SQL Server Reporting Services
2.3 - Understanding the Architecture of SSRS
2.4 - Reporting Services Deployment Strategies
2.5 - System Requirements for Reporting Services
2.6 - Walk-Through of Installing SSRS with SQL Server (Native Mode)
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### Chapter 2: Installing and Configuring Reporting Services (cont.)

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<td>2.10 - Exercise 01: Installing and Updating SSRS 2008</td>
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<td>2.11 - Walk-Through of Installing a Standard Server Deployment</td>
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<td>2.12 - How to Sync Your New Report Server to the SQL Server</td>
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<td>2.18 - Scale-Out and Advanced Scale-Out Deployments</td>
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<td>2.19 - Reporting Services Over the Internet: Can You? Should You? How?</td>
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### Chapter 3: Reporting Services Security: What You Need to Know

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Chapter 3: Reporting Services Security: What You Need to Know (cont.)

3.11 - Using the Report Manager to Manage Security
3.12 - How to Add Users and Groups to Roles in SSRS
3.13 - How to Add Folders in SSRS
3.14 - Exercise 04: Create the Folder Hierarchy
3.15 - Exercise 05: How to Apply Security to Folders in SSRS

Chapter 4: The Basics of Reporting: Creating Your First Reports

4.1 - Chapter Introduction: What is Included in this Chapter
4.2 - Overview of Reporting Authoring Tools and Report Definition Language
4.3 - An Introduction to Report Types in SSRS, Part 1
4.4 - An Introduction to Report Types in SSRS, Part 2
4.5 - Exercise 01: Set Up Your Environment
4.6 - An Overview of Reporting Services Tools: Visual Studio 2008
4.7 - The Report Project Wizard: Creating Our First Tabular Report
4.8 - Editing/Modifying Reports and Understanding RDL Files
4.9 - Understanding Projects and Solutions in Visual Studio
4.10 - Using the Report Project to Create Tabular Reports, Part 1
4.11 - Using the Report Project to Create Tabular Reports, Part 2
4.12 - The Basics of Deployment: Why, How, and Where
4.13 - Exercise 02: Creating Your First Reports Using the Wizard
4.14 - Rendering Reports: A Quick Look at the Various Rendering Engines
4.15 - Things to Know: Page Size, Margins, and Pagination
4.16 - Things to Know About Adding Images to Your Report
4.17 - All About Data Sources, Datasets, and the Report Data Pane
4.18 - Creating Tabular Reports by Hand
Videos in this course (cont.):

Chapter 4: The Basics of Reporting: Creating Your First Reports (cont.)

- 4.19 - Exercise 03: Creating Your First Reports without the Wizard
- 4.20 - The Matrix: Understanding Matrix Reports and Groups
- 4.21 - The Report Project Wizard: Creating Our First Matrix Report
- 4.22 - Creating Matrix Reports in Visual Studio
- 4.23 - Adding Parent and Child Groups to the Matrix
- 4.24 - Exercise 04: Creating Matrix Reports
- 4.25 - An Overview of Reporting Services Tools: Report Builder 2.0
- 4.26 - Report Builder 2.0 Walk-Through
- 4.27 - Creating Tabular Reports in Report Builder 2.0
- 4.28 - Creating Matrix Reports in Report Builder 2.0
- 4.29 - Drilldown, Blocked, and Stepped Reports in Report Builder 2.0
- 4.30 - Exercise 05: Installing and Getting Started with Report Builder 2.0
- 4.31 - Reporting Services Expressions and Collections
- 4.32 - Add Headers and Footers to Your Reports
- 4.33 - Aggregates in Reporting Services
- 4.34 - How to Publish Reports to the Report Server
- 4.35 - Misc Tips: How to Add Drilldown to a Matrix Report
- 4.36 - Misc Tips: How to Use Microsoft Access and More as a Data Source
- 4.37 - Misc Tips: How to Import Reports From Microsoft Access
- 4.38 - Misc Tips: How to Add New Table Styles for the Report Wizard
- 4.39 - Misc Tips: How to Add a List to Your Table or Matrix
- 4.40 - Misc Tips: How to Add Sorting Ability to Your Columns
- 4.41 - Misc Tips: How I Match Up Queries to the Report
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Chapter 5: How to Create Dynamic, Data-Driven Reports

- 5.1 - Chapter Introduction: What is Included in this Chapter
- 5.2 - Shared Data Sources, Part 1
- 5.3 - Security and Shared Data Sources, Part 2
- 5.4 - Creating Templates for Your Organization’s Reports
- 5.5 - Reporting Services Parameters
- 5.6 - How to Pre-Populate Parameters to Avoid SQL Injection Attacks
- 5.7 - Default Parameters and Parameter Dependence
- 5.8 - How to Create Optional Parameters in SSRS
- 5.9 - How to Do Banded Rows with Report Parameters
- 5.10 - Exercise 01: Creating Parameter-Based Reports with Client-Side Filters
- 5.11 - Using Stored Procedures with Parameters
- 5.12 - Variables and Custom Code in Reporting Services
- 5.13 - Reporting Services Actions: Urls and Hyperlinks
- 5.14 - Reporting Services Actions: Drillthrough and Drilldown
- 5.15 - Embed a Clickable Table of Contents in Your Reports
- 5.16 - Subreports and Nested Reports
- 5.17 - Exercise 02: Creating Subreports
- 5.18 - Introduction to Using Charts: An Overview and Tour
- 5.19 - Creating Bar Charts in Report Builder 2.0 and Visual Studio
- 5.20 - Creating Line Charts in Report Builder 2.0 and Visual Studio
- 5.21 - Exercise 03: Creating a Bar Chart
- 5.22 - Introduction to Using Gauges
- 5.23 - Creating Your First Gauge Reports
- 5.24 - Exercise 04: Creating a Gauge Report
- 5.25 - Misc Tips: Calculated Fields in Datasets

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Chapter 5: How to Create Dynamic, Data-Driven Reports (cont.)

- 5.26 - Usability Tips: Localizing Reports for International Users
- 5.27 - Usability Tips: Using Calendars
- 5.28 - Usability Tips: Displaying Messages Where There Are No Rows
- 5.29 - Usability Tips: Expandable Text Boxes and Titles for Concise Reports

Chapter 6: Better Reporting Using Charts, Gauges, Pivots, and More

- 6.1 - Chapter Introduction: What is Included in this Chapter
- 6.2 - Using SQL Server 2008 Analysis Services
- 6.3 - AdventureWorks Samples Revisited
- 6.4 - Cube Browsing Your Analysis Services Cubes
- 6.5 - Understanding SSAS with Reporting Services
- 6.6 - Tablix Reports with Analysis Services Cubes, Part 1
- 6.7 - Tablix Reports with Analysis Services Cubes, Part 2
- 6.8 - Charting in Reporting Services: Fundamentals, Part 1
- 6.9 - Charting in Reporting Services: Fundamentals, Part 2
- 6.10 - Exercise 01: Let’s Play a Game!
- 6.11 - Pie and Shape Charts: 2D, 3D, Slicing, Percentages, More
- 6.12 - Data Labels, Percentages, and More
- 6.13 - Exploding Pie Charts!
- 6.14 - Put a Tablix with Your Pie for Greater Clarity
- 6.15 - How to Handle Missing Data (NULLs)
- 6.16 - Exercise 02: Creating Quality Pie Charts
- 6.17 - Line Charts: Matching the Data to the Report
- 6.18 - Putting Labels and Data Points on Line Charts
- 6.19 - Reporting Services Sparklines: How to Add Sparklines (and Gradients)
Videos in this course (cont.):

Chapter 6: Better Reporting Using Charts, Gauges, Pivots, and More (cont.)

6.20 - Chart Inspiration: The Sample Reports
6.21 - Bar and Column Charts
6.22 - Scale Breaks and How to Change Scales from Auto
6.23 - Secondary Axis: What It Is and How to Use It
6.24 - Area Charts and Stacked Area Charts
6.25 - Stock Charts, Candlestick Charts, Radar Charts, and More
6.26 - Displaying Trend Lines Using Calculated Series (and Moving Averages)
6.27 - Gauge Inspiration: The Sample Reports
6.28 - How to Customize Gauges (Colors, Layouts, and Custom Images)
6.29 - How to Format the Scales on a Gauge
6.30 - How to Add Gauges to Your Tablix (i.e. Sparklines but with Gauges)
6.31 - More Inspiration: Even More AdventureWorks Sample Reports
6.32 - Dashboards and Scorecards
6.33 - How to Build an Invoice/Estimate/Quote/Receipt Report

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Chapter 7: Ad-Hoc Reporting, Report Models, and Legacy Tools

7.1 - Chapter Introduction: What is Included in this Chapter
7.2 - Ad-Hoc Reporting and Report Models
7.3 - Discussion of Report Builder 1.0
7.4 - Discussion of Techniques to Migrate Away from Report Models

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Chapter 8: Deploying Reports: Share Your Reports with the World

8.1 - Chapter Introduction: What is Included in this Chapter
8.2 - Minimalist SSRS Security: The Least You Need to Know
8.3 - Minimalist SSRS Security: Security Needed to View/Run Reports
8.4 - Minimalist SSRS Security: Security Needed for Ad-Hoc Reports
8.5 - Minimalist SSRS Security: Security Needed to Publish Reports
8.6 - Enabling and Understanding ‘My Reports’
8.7 - Subscriptions in SSRS, Part 1
8.8 - Subscriptions in SSRS, Part 2
8.9 - SSRS Performance Tuning with Caching
8.10 - SSRS Snapshots and How to Save Space in your Report Server Databases
8.11 - The Unattended Execution Account and Remote Images


9.1 - Chapter Introduction: What is Included in this Chapter
9.2 - An Overview of What’s New in SSRS 2008 R2
9.3 - Installing SQL Server 2008 R2
9.4 - A First Look at BIDS, Report Builder 3.0, Report Manager
9.5 - Report Builder 3.0 vs. Report Builder 2.0 - What’s Changed?
9.6 - New Data Sources, Shared Datasets, and the New Report Manager
9.7 - Exercise 01: Creating Reports in Report Builder 3.0 and BIDS
9.8 - Sparklines in SSRS 2008 R2
9.9 - Databars in SSRS 2008 R2
9.10 - How to Align Sparklines and Databars in Reporting Services
9.11 - Indicators in SSRS 2008 R2
Videos in this course (cont.):


9.12 - Report Parts: What They Are and How to Use Them
9.13 - SharePoint Integration and More

Chapter 10: Creating Interactive Maps with Reporting Services

10.1 - Chapter Introduction: What is Included in this Chapter
10.2 - Introduction to Maps in Reporting Services
10.3 - How to Create a Basic Map Using the Wizard
10.4 - How to Create a Color Analytical Map
10.5 - Color Analytical Map and Dealing with “No Rows Found”
10.6 - How to Change Color Distribution and Change the Number of Buckets
10.7 - How to Create Reporting Services Bubble Maps
10.8 - How to Add a Bing Maps Layer to Your Map
10.9 - How to Create a Transparent Polygon Layer for Bing Bubble Maps
10.10 - How to Create State and County Chloropeth and Bubble Maps
10.11 - How to Use Custom ESRI Shape Files in Reporting Services Maps
10.12 - How to Use SQL Spatial Data in Reporting Services Maps
10.13 - Tips and Tricks for Good Map Reports

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