



## Microsoft SQL Server 2005 or 2008 Reporting Services HDT925 Four Days

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### Prerequisites

Students should have experience with any relational database management system. It would be helpful if the students have worked with any other report writers such as Crystal Reports/Business Objects, Actuate, IBM QMF, or MS Access Reports.

### Who Should Attend

This course is targeted at business and IT developers and users who have a need to develop reports in Microsoft SQL Server 2005 or 2008 Reporting Services.

### Course Description

This course provides students with the skills necessary to develop reports using Microsoft SQL Server 2005 or 2008 Reporting Services. It is based on the Brian Larson book Microsoft SQL Server 2005 Reporting Services published on December 12, 2005 by McGraw-Hill Osborne Media, ISBN: 0072262397 or on the Brian Larson book Microsoft SQL Server 2008 Reporting Services published on August 21, 2008 by McGraw-Hill Osborne Media, ISBN: 0071548084.

### Course Topics

- Chapter 1: Let's Start at the Very Beginning
- Chapter 2: Putting the Pieces in Place: Installing Reporting Services
- Chapter 3: DB 101: Database Basics
- Chapter 4: A Visit to Emerald City: The Report Wizard
- Chapter 5: Removing the Training Wheels: Building Basic Reports
- Chapter 6: Graphic Expression: Using Charts and Images in Reports
- Chapter 7: Kicking It Up a Notch: Intermediate Reporting
- Chapter 8: Beyond Wow: Advanced Reporting
- Chapter 9: A Leading Exporter: Exporting Reports to Other Rendering Formats
- Chapter 10: How Did We Ever Manage Without You? The Report Manager
- Chapter 11: Delivering the Goods: Report Delivery
- Chapter 12: Extending Outside the Box: Customizing Reporting Services
- Appendix A: Report Item Reference
- Appendix B: Web Service Interface Reference
- Appendix C: Report Definition Language Reference
- Appendix D: Ad Hoc Reporting



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### **I. Chapter 1: Let's Start at the Very Beginning**

- A. Section 1.1: Sharing Business Intelligence
- B. Section 1.2: Report Authoring Architecture
- C. Section 1.3: Report Serving Architecture
- D. Section 1.4: Diving In

### **II. Chapter 2: Putting the Pieces in Place: Installing Reporting Services**

- A. Section 2.1: Preparing for the Installation
- B. Section 2.2: The Installation Process
- C. Section 2.3: Common Installation Issues
- D. Section 2.4: Spending Some Time in Basic Training

### **III. Chapter 3: DB 101: Database Basics**

- A. Section 3.1: Database Structure
- B. Section 3.2: Galactic Delivery Services
- C. Section 3.3: Querying Data
- D. Section 3.4: On to the Reports

### **IV. Chapter 4: A Visit to Emerald City: The Report Wizard**

- A. Section 4.1: Your First Report
- B. Section 4.2: An Interactive Table Report
- C. Section 4.3: Creating Matrix Reports
- D. Section 4.4: Report Parameters
- E. Section 4.5: Flying Solo

### **V. Chapter 5: Removing the Training Wheels: Building Basic Reports**

- A. Section 5.1: Riding Down Familiar Roads
- B. Section 5.2: Data Regions
- C. Section 5.3: New Territory
- D. Section 5.4: Getting Graphical

### **VI. Chapter 6: Graphic Expression: Using Charts and Images in Reports**

- A. Section 6.1: Chart Your Course
- B. Section 6.2: Image Is Everything
- C. Section 6.3: Building Higher



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### **VII. Chapter 7: Kicking It Up a Notch: Intermediate Reporting**

- A. Section 7.1: Never Having to Say "I'm Sorry"
- B. Section 7.2: Handling Errors in Reports
- C. Section 7.3: Data Caching During Preview
- D. Section 7.4: Under the Hood
- E. Section 7.5: Practicing Safe Source
- F. Section 7.6: Advance, Never Retreat

### **VIII. Chapter 8: Beyond Wow: Advanced Reporting**

- A. Section 8.1: Speaking in Code
- B. Section 8.2: Reports Within Reports
- C. Section 8.3: Interacting with Reports
- D. Section 8.4: A Conversion Experience
- E. Section 8.5: What's Next

### **IX. Chapter 9: A Leading Exporter: Exporting Reports to Other Rendering Formats**

- A. Section 9.1: A Report in Any Other Format Would Look as Good
- B. Section 9.2: Presentation Formats
- C. Section 9.3: Data Exchange Formats
- D. Section 9.4: Call the Manager

### **X. Chapter 10: How Did We Ever Manage Without You? The Report Manager**

- A. Section 10.1: Folders
- B. Section 10.2: Moving Reports and Supporting Files to the Report Server
- C. Section 10.3: Managing Items in Folders
- D. Section 10.4: Seek and Ye Shall Find: Search and Find Functions
- E. Section 10.5: Printing from Report Manager
- F. Section 10.6: Managing Reports on the Report Server
- G. Section 10.7: Linked Reports
- H. Section 10.8: Delivering the Goods

### **XI. Chapter 11: Delivering the Goods: Report Delivery**

- A. Section 11.1: Caching In
- B. Section 11.2: Execution Snapshots
- C. Section 11.3: Report History
- D. Section 11.4: Subscriptions
- E. Section 11.5: Site Settings
- F. Section 11.6: A Sense of Style
- G. Section 11.7: Building On



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### **XII. Chapter 12: Extending Outside the Box: Customizing Reporting Services**

- A. Section 12.1: Using Reporting Services Without the Report Manager
- B. Section 12.2: Custom Security
- C. Section 12.3: Best Practices
- D. Section 12.4: Where Do We Go from Here?

### **XIII. Appendix A: Report Item Reference**

- A. Report Objects
- B. Property Reference

### **XIV. Appendix B: Web Service Interface Reference**

- A. Reporting Services Web Service

### **XV. Appendix C: Report Definition Language Reference**

- A. Report Definition Language

### **XVI. Appendix D: Ad Hoc Reporting**

- A. The Report Model
- B. Creating Reports with the Report Builder
- C. Give It a Try