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55005: Microsoft Report Builder 3.0 with SQL 2008R2, SQL 2012 Express and SQL 2012

Duration: 2 days

Overview:

About this course

Builder 3.0. The training environment includes SQL 2008R2, SQL Express 2012 and SQL 2012 Standard and Enterprise so that the students can utilize Report Builder 3.0 and generate reports from multiple sources to investigate the different features of each release.

The course covers the Report Builder 3.0 wizards, basics of report design, intermediate reports with report parameters and report expressions, report visualizations including graphs, charts, images and gauges, advanced reporting including the utilization of maps, interactive reports, report parts and Sub-Reports.

The course concludes with a special module that includes over 100 tips and tricks for Report Builder 3.0 with step-by-step instructions. All of the examples are available as a take-away for the students after the course.

Audience profile

This course is intended for Power Users, Developers and IT Professionals that will be involved with the design, development and maintenance of reports created with Report Builder 3.0

At course completion

After completing this course, students will be able to: Plan your reports

- Utilize Report Builder 3.0 Wizards
- Create an embedded data source
- Create an embedded data set
- Create shared data sources and data sets
- Use report parameters
- Use report expressions
- Create report gauges
- Create report graphs
- Use images in reports
- Use report lists
- Use report tables
- Use the matrix
- Create maps in reports
- Create sub reports
- Use report parts
- Create interactive reports
- Use keyboard shortcuts

Who Should Attend:

This course is intended for IT Professionals who administer and maintain SQL Server databases.

Outline:

Course Outline
Module 1: Course Overview This module explains how the class will be structured and introduces course materials and additional administrative information.

- Introduction
- Course Materials
- Facilities
- Prerequisites
- What We'll Be Discussing

Lab : The training environment

- Become familiar with the class setup

After completing this module, students will be able to:

- Log on
- Run the labs
- Locate the example files

Module 2: Introduction to Report Builder 3.0

This module explains how the class will be structured and introduces course materials and additional administrative information.

Lessons

- Plan your reports
- The Interface
- Variances between SQL versions
- How to use Report Builder 3.0 with SQL Express 2012
- Data Sources
- Data Sets

Lab : Introduction to Report Builder 3.0

- Explore Report Builder 3.0
- Create embedded Data source and sets
- Create shared Data Source and Sets

After completing this module, students will be able to:

- Plan the reports

- Use Report Builder 3.0 and understand the parts of the interface
- Launch Report Builder 3.0 from multiple sources
- Create embedded and shared data sources and data sets

Module 3: Report Builder 3.0 Wizards

This module explains how the class will be structured and introduces course materials and additional administrative information.

Lessons

- Explore the Report Builder 3.0 Wizards
- Create reports with the Wizards

Lab : Report Builder 3.0 Wizards

- Use the Wizards to create reports

After completing this module, students will be able to:

- Use the Wizards to create reports

Module 4: Report Builder 3.0 Basic Reports

This module explains how the class will be structured and introduces course materials and additional administrative information.

Lessons

- Report Lists
- Report Tables
- Report Matrix
- The Data Region
- Report Parameters
- Report Expressions
- Formatting Reports

Lab : Report Builder 3.0 Basic Reports

- Create a report using a List
- Create a report using a Table
- Create a report using a Matrix
- Create a report using multiple Data Regions
- Use Report Parameters
- Use Report Expressions
- Format the report
- Save Report Parts for reuse

After completing this module, students will be able to:

- Create a report using a List
- Create a report using a Table
- Create a report using a Matrix
- Create a report using multiple Data Regions
- Use Report Parameters
- Use Report Expressions
- Format the report

Module 5: Report Builder 3.0 Graphics

This module explains how the class will be structured and introduces course materials and additional administrative information.

Lessons

- Report Charts
- Report Images
- Report Gauges
- Report Maps

Lab : Report Builder 3.0 Graphics

- Create a report with Charts
- Create a report with Images
- Create a report with Gauges
- Create a report with Maps

After completing this module, students will be able to:

- Create a report with Charts
- Create a report with Images
- Create a report with maps
- Create a report with Gauges

Module 6: Intermediate Reports

This module explains how the class will be structured and introduces course materials and additional administrative information.

Lessons

- Time Intelligence
- Sub Reports
- Interacting with Actionable Reports
- Reuse Report Parts

Lab : Intermediate Reports

- Create Sub Reports
- Create a report that allows interaction
- Reuse Report Parts
- Use Time Intelligence

After completing this module, students will be able to:

- Create Sub Reports
- Create a report that allows interaction
- Reuse Report Parts
- Use Time Intelligence

Module 7: Report Builder 3.0 Tips and Tricks

This module explains how the class will be structured and introduces course materials and additional administrative information.

Lessons

- Over 100 step-by-step examples for report situations

Lab : Report Builder 3.0 Tips and Tricks

- Over 100 step-by-step examples for report situations

After completing this module, students will be able to:

- Use the tips and tricks

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