



## Microsoft Report Builder 3.0 with SQL 2008R2, SQL 2012, & SQL 2014

This instructor-led course provides students with the necessary knowledge to develop reports using Microsoft Report Builder 3.0. The training environment includes SQL 2008R2, SQL 2012, and SQL 2014 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, a detailed section exploring report expressions and how to properly configure them, filters, report visualizations including graphs, charts, images, and gauges, advanced reporting including the utilization of maps, interactive reports, Report Parts, subreports, subscriptions, and exporting options.

### Who Should Attend:

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.

### Course Prerequisites:

Before attending this course, participants must have:

- Basic understanding of relational databases

### Course Objectives:

After completing this course, participants will be able to, for example:

- Plan the reports
- Use Report Builder 3.0 & understand the parts of the interface
- Launch Report Builder 300 from multiple sources
- Understand management options
- Understand & utilise the Table, or Matrix Wizard, the Chart & Map wizards
- Understand & utilise lists, tables, matrices, data regions, parameters, expressions and more

Course Code: 55005BC

Course Duration: 2 Days

### Course Summary

**Module 1:** Course Overview

**Module 2:** Introduction to Report Builder 3.0

**Module 3:** Report Builder 3.0 Wizards

**Module 4:** Report Builder 3.0 Basic Reports

**Module 5:** Report Builder 3.0 Graphics

**Module 6:** Intermediate Reporting

**Module 7:** Report Builder 300 Tips and Tricks

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## Course Outline

### Module 1: Overview

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

#### Lessons

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

### Module 2: Introduction to Report Builder 3.0

This module introduces the interface of Report Builder 3.0, the different features available, and variances in data sources and datasets.

#### Lessons

- Planning Your Reports
- Understanding Variances Between SQL Versions
- Exploring The Report Builder 3.0 Interface
- Examining Management
- Utilizing Data Sources
- Working with Datasets

#### Lab

- Introduction to Report Builder 3.0

### Module 3: Report Builder 3.0 Wizards

This module covers report basics exploring lists, matrices, and tables along with the wizards. Data regions will also be explained.

#### Lessons

- Exploring Table or Matrix Wizard
- Utilizing Chart Wizard
- Working with Map Wizard

#### Lab

- Report Builder 3.0 Wizards

### Module 4: Report Builder 3.0 Basic Reports

In this module we examine parameters, filters, and the expressionable aspect of reports. We also cover formatting options.

#### Lessons

- Utilizing Lists
- Using Tables

- Exploring Matrix
- Mastering Data Region(s)
- Examining Parameters
- Working with Expressions
- Understanding Report Parts
- Formatting Reports

#### Lab

- Report Builder 3.0 Basic Reports

### Module 5: Report Builder 3.0 Graphics

This module is a detailed look at graphics including charts, images, sparklines, data bars, gauges, and Bing maps

#### Lessons

- Understanding Visualizations
- Utilizing Charts
- Exploring Gauges
- Examining Maps

#### Lab

- Report Builder 3.0 Graphics

### Module 6: Intermediate Reporting

This module covers intermediate reporting with emphasis on actionable reports, and a section exploring report subscriptions and security.

#### Lessons

- Filtering, Grouping, and Sorting
- Utilizing Dynamic Headers and Footers
- Visualizing Your Company Report Templates
- Understanding HTML5 and Textboxes
- Using the List Object to Combine Other Items
- Creating Subreports and Drillthrough Reports
- Exploring Subscriptions
- Examining Security

#### Lab

- Intermediate Reporting

### Module 7: Report Builder 3.0 Tips and Tricks

This module is optional and contains 20 tips and tricks with step-by-step instructions