

Analyzing Data with SQL Server Reporting Services

Course Summary

Description

In this course, you will discover how to use the Reporting Services development tools to create and manage reports and implement self-service BI solutions.

Objectives

At the end of this course, students will be able to:

- Describe reporting services and its components
- Describe reporting services data sources
- Implement paginated reports
- Work with reporting services data
- Visualize data with reporting services
- Aggregate report data
- Share reporting services reports
- Administer reporting services
- Expand and integrate reporting services
- Describe mobile reports
- Develop mobile reports.

Topics

- Introduction to Reporting Services
- Reporting Services Data Sources
- Creating Paginated Reports
- Working with Reporting Services Data
- Visualizing Data with Report Services
- Summarizing Report Data
- Sharing Reporting Services Reports
- Administering Reporting Services
- Developing Mobile Reports
- Introduction to Mobile Reports
- Extending and Integrating Reporting Services

Audience

The targeted audience for this course is database professionals, BI developers and Power Information workers.

Prerequisites

In this course you will learn how to implement a SQL Server Reporting Services solution for data analysis in an organization. Basic knowledge of the Microsoft Windows operating system and its core functionality is recommended.

Duration

Five days

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Course Outline

- I. Introduction to Reporting Services*
 - A. Introduction to reporting services
 - B. Reporting services components
 - C. Reporting service tools
- II. Reporting Services Data Sources*
 - A. Data sources
 - B. Connection strings
 - C. Datasets
- III. Creating Paginated Reports*
 - A. Creating a report with the report wizard
 - B. Creating a report
 - C. Publishing a report
- IV. Working with Reporting Services Data*
 - A. Data Filters
 - B. Report parameters
 - C. Implementing report filters and parameters
- V. Visualizing Data with Report Services*
 - A. Formatting data
 - B. Images and charts
 - C. Data Bars, sparklines, indicators, gauges, and maps
- VI. Summarizing Report Data*
 - A. Sorting and grouping
 - B. Report subreports
 - C. Drilldown and drill through
- VII. Sharing Reporting Services Reports*
 - A. Schedules
 - B. Report caching, snapshots, and comments
 - C. Report subscription and delivery
- VIII. Administering Reporting Services*
 - A. Administering reporting services
 - B. Reporting services configuration
 - C. Reporting services performance
- IX. Developing Mobile Reports*
 - A. Expressions and embedded code
 - B. Extending reporting services
 - C. Integrating reporting services
- X. Introduction to Mobile Reports*
 - A. Overview of mobile reports
 - B. Preparing data for mobile reports
 - C. Mobile report publisher
- XI. Extending and Integrating Reporting Services*
 - A. Designing and publishing mobile reports
 - B. Drillthrough in mobile reports