



SQL Server Reporting Services Essentials

This one-day hands-on Essentials course thoroughly covers the development of Microsoft's SQL Server Reporting Services reports using SQL Server Reporting Services.

The course provides an overview of the Reporting Services architecture, and then covers creating reports including parameter reports, drill-through reports, matrix reports and linked reports.

Throughout this course, you gain extensive experience creating and managing reports using real-world, commercial scenarios in Reporting Services.

Who Should Attend:

This course is intended for all types of reporting users including server and content managers, designers, and developers who are responsible for the design, implementation, and maintenance of reporting solutions from SQL Server Reporting Services.

Course Objectives:

After completing this course, participants will be able to:

- Create and format a report using Reporting Services
- Enhance a report using Reporting Services
- Create and manipulate data sets

Course Prerequisites:

Before attending this course, participants should have:

- Basic knowledge of writing SQL language queries
- An understanding of the data being accessed and how you want to display that data

Course Code: SSRSE
Course Duration: 1 Day

Course Summary

Introduction

Module 1: Reporting Services Architecture

Module 2: Developing a Reporting Solution

Module 3: Manipulating Data Sets

Module 4: Publishing and Executing Reports

Module 5: Reporting Services Administration

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Call 1300 927 394 to register for this course today as places are strictly limited.



Course Outline

Introduction

- Introductions
- Course overview

Module 1: Reporting Services Architecture

- What is SSRS?
- SSRS Components
- Management Features
- Editions of Reporting Services
- Report Processor
- Command Line Utilities
- Report Server Databases
- Scheduling & Delivery Processor
- Report Builder, Designer & Manager
- SQL Server Management Studio
- Configuration Tool

Lab: Reporting Services Architecture

Module 2: Developing a Reporting Solution

- Report Layouts
- Report Presentation
- Report Items
- Data Access Features
- Programmability
- Considerations for a Report
- Guidelines
- Report Definition Language
- Options for Authoring a Report
- Accessing Data
- Creating a Table and Groups
- Report Page Options
- Creating Custom Fields
- Global Collection
- Aggregate & Common Aggregate Functions
- Conditional Formatting

Lab: Developing a Reporting Solution

Module 3: Manipulating Data Sets

- Querying a Data Set
- Report Parameters
- Using Report and Query Parameters
- Filters
- Stored Procedure Parameters
- Dynamic Parameter List

Lab: Manipulating Data Sets

Module 4: Publishing and Executing Reports

- Publishing with Report Designer
- Publish with Report Manager
- Updating Data Sources & Reports
- Execution Process Flow
- Execute Reports on Demand
- Session Caching
- Executing Cached Instances
- Parameters with Cached Instances
- Filters with & Configuring Cached Instances
- Snapshots
- Using and Configuring Report History

Lab: Publishing & Executing Reports

Module 5: Reporting Services Administration

- Administration
- SSRS Security
- Built in Item and System Level Reports
- Subscribing to Reports
- Uses of Subscriptions
- Delivery Extensions
- Managing Subscriptions
- Report History & Snapshots
- My Reports
- Logging Report Execution
- Applying Timeouts & Suspending Jobs

Lab: Report Services Administration