Analyzing Data with SQL Server Reporting Services

This three-day instructor-led course teaches participants how to implement a SQL Server 2016 Reporting Services solution for data analysis in an organization.

The course discusses how to use the Reporting Services development tools to create and manage reports and implement self-service BI solutions.

Course Summary

Module 1: Introduction to Business Intelligence and Data Modeling

Module 2: Reporting Services Data

Module 3: Implementing Reports

Module 4: Configuring Reports

Module 5: Create Mobile Reports

Who Should Attend:

The primary audience for this course is database professionals who need to fulfil a BI developer role to create reports.

Primary responsibilities will include implementing reports and mobile reports.

The secondary audiences for this course are power information workers.

Course Prerequisites:

Before attending this course, participants must have, in addition to their professional experience:

- The equivalent knowledge as course 20761 – Querying Data with Transact-SQL

Course Objectives:

After completing this course, participants will be able to:

- Describe key features of data modelling within business intelligence
- Describe various report services data sources and how these are configured
- Create reports with report designer and/or report designer
- Configure reports with report designer and/or report builder
- Create SQL Server mobile reports

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Course Outline

Module 1:   Introduction to Business Intelligence and Data Modelling

In this module participants will be introduced to the key concepts in business intelligence, and the Microsoft BI product suite.

Lessons

- Introduction to business intelligence
- The Microsoft business intelligence platform
- Introduction to Reporting Services

Lab

- Exploring an enterprise BI solution

Module 2:   Reporting Services Data

This module describes various Report Services data sources and how these are configured

Lessons

- Data connections
- Connection Strings
- Filter and Parameters

Lab

- Configuring a data connection

Module 3:   Implementing Reports

This module describes how to create reports with report designer or report builder

Lessons

- Creating a report with the report wizard
- Creating a report
- Showing data graphically

Lab

- Creating a report

Module 4:   Creating a Map Report

This module describes how to configure reports with report builder or report designer

Lessons

- Implementing filters and parameters
- Implementing sorting and grouping
- Publishing a report

Lab

- Creating a map report

Module 5:   Creating Mobile Reports

This module describes how to create SQL Server mobile reports

Lessons

- Overview of SQL Server mobile reports
- Preparing data for mobile reports
- Mobile report publisher

Lab

- Mobile Reports

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