

Analyzing Data with SQL Server Reporting Services - MOC On Demand (MS-10990)

Modality: Self-Paced Learning

Duration: 2 Days

SATV Value: 2

SUBSCRIPTION: Master, Master Plus

About this course:

This course is Microsoft Official On-Demand course accessible for 90 days from the date of course request, if you have annual subscription, or course purchase individually. Course access will expire after 90 days of course enrollment.

This course teaches students 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.

The average salary for a Data Professional is **\$95,000** per year.

Course Objective:

After completing 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.

Audience:

This course is intended for:

- Database professionals who need to fulfil a BI developer role to create reports. Primary responsibilities will include implementing reports and mobile reports.
- Information workers.

Prerequisites:

Before attending this course, students must have:

- Basic knowledge of the Microsoft Windows operating system and its core functionality.

Suggested prerequisites courses:

- [Querying Data with Transact-SQL - MOC On Demand \(MS-20761\)](#)

Career path:

[IT Ops & Management Career Path](#)

Course Outline:

Module 1: Introduction to Business Intelligence and Data Modeling

In this module students 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

After completing this module, you will be able to:

- Describe key concepts in business intelligence
- Describe the Microsoft BI platform
- Describe key concepts in reporting services

Module 2: Reporting Services Data

Describe various Report Services data sources and how these are configured.

Lessons

- Data sources
- Connection strings
- Datasets

- Filters and parameters

Lab : Configuring a data connection

After completing this module, you will be able to:

- Describe data connections and connection strings
- Describe filters and parameters

Module 3: Implementing reports

Create reports with report designer or report builder.

Lessons

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

Lab : Creating a report

After completing this module, you will be able to:

- Create a report using the report wizard
- Show data graphically

Module 4: Configuring reports

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 : Create and Publish reports that include parameters

After completing this module, you will be able to:

- Implement filters and parameters

- Implement sorting and grouping
- Publish a 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
- SQL Server Mobile report publisher

Lab : Working with mobile reports

After completing this module, you will be able to:

- Describe SQL Server mobile reports
- Prepare data for mobile reports
- Publish mobile reports