

# 10990: Analyzing Data with SQL Server® Reporting Services

Duration: 5 Days

Method: Instructor-Led Training (ILT)

## Course Description

This course teaches attendees 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.

## Target Audience

This course is intended for:

- Power Information Workers
- Database professionals who need to fulfil a BI developer role to create reports.

## Prerequisites

To attend this course, participants must have:

- Basic knowledge of the Microsoft® Windows® operating system and its core functionality.
- Working knowledge of Transact-SQL, such as that taught in the course *20761: Querying Data with Transact-SQL*.

## Course Objectives

Upon successful completion of this course, attendees 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.



## Course Topics

### Module 1: Introduction to Reporting Services

- Introduction to Reporting Services
- Reporting Services Components
- Reporting Services Tools

### Module 2: Reporting Services Data Sources

- Data Sources
- Connection Strings
- Datasets

### Module 3: Creating Paginated Reports

- Creating a Report with the Report Wizard
- Creating a Report
- Publishing a Report

### Module 4: Working with Reporting Services Data

- Data Filters
- Report Parameters
- Implementing Report Filters and Parameters

### Module 5: Visualizing Data with Report Services

- Formatting Data
- Images and Charts
- Data Bars, Sparklines, Indicators, Gauges, and Maps

### Module 6: Summarizing Report Data

- Sorting and Grouping
- Report Sub-Reports
- Drill Down and Drill Through

### Module 7: Sharing Reporting Services Reports

- Schedules
- Report Caching, Snapshots, and Comments
- Report Subscription and Delivery

### Module 8: Administering Reporting Services

- Administering Reporting Services
- Reporting Services Configuration
- Reporting Services Performance

### Module 9: Extending and Integrating Reporting Services

- Expressions and Embedded Code
- Extending Reporting Services
- Integrating Reporting Services

### Module 10: Introduction to Mobile Reports

- Overview of Mobile Reports
- Preparing Data for Mobile Reports
- Mobile Report Publisher

### Module 11: Developing Mobile Reports

- Designing and Publishing Mobile Reports
- Drill Through in Mobile Reports

## LABS INCLUDED

