

# MS 55128 Writing Reports with Report Builder and SSRS Level 2

Duration: 2 Day(s)

Location: TBD

Course Fee: \$1,195.00 Per Student.

Microsoft SA Voucher Eligible. KnowledgeWave Learning Site & Vermont State Discount Available.

## Overview

In this course, students will continue their learning on the foundations of report writing with Microsoft® SQL Server® Report Builder and SSRS. The focus will be on report creation by connecting to a database and manipulating the data.

## Who Should Attend

The primary audience for this course are persons who are new to reporting with Microsoft® SQL Server® Report Builder and SSRS, persons who are transitioning from another reporting software application, and persons who are existing Report Builder and SSRS report authors. The secondary audience for this course are persons who are using Report Designer (SSRS). Course participants may be business analysts, programmer analysts, data analysts, database administrators, or IT professionals and may or may not have experience with Microsoft® SQL Server® Report Builder and SSRS, programming (Visual Basic), and/or Transact-Structured Query Language (T-SQL) experience.

## Course Objectives

- After completing this course, students will be able to:
- Create parameter reports.
- Create list reports.
- Format reports with complex expressions.
- Add images and subreports.
- Add drilldown and drillthrough functionality.
- Add sparklines, data bars, and indicators.

## Course Outline

### 1 - Parameter Reports

- Parameterized Reporting
- Create Report Parameters
- Modify Report Parameters

- Provide Default Parameter Values
- Provide Available Values for Parameters
- Lab: Creating Parameterized Reports

## **2 - List Data Regions**

- Introducing the List Data Region
- Create Reports Using List Data Regions
- Modify Reports Which Use List Data Regions
- Lab: Creating List Reports

## **3 - Enhancing Reports with Complex Expressions**

- Formatting Reports
- Top N Reports
- Running Values
- Lab: Enhancing Reports with Complex Expressions

## **4 - Enhance Reports with Images and Subreports**

- Add Images to Reports
- Retrieve Images from a Database
- Introducing SSRS (SQL Server Reporting Services) Report Server
- Add Subreports to Reports
- Lab: Working With Images and Subreports

## **5 - Drilldown and Drillthrough Reports**

- Add and Configure Drilldown Reporting
- Add and Configure Drillthrough Reporting
- Lab: Add Drilldown and Drillthrough Functionality to Reports

## **6 - Sparklines, Data Bars, and Indicators**

- Sparklines
- Data Bars
- Indicators
- Lab: Adding Sparklines, Data Bars, and Indicators to Reports