Creating Reports with Report Builder(REPBLD101)

In this Report Builder training class, students learn how to create, format, and customize SQL Server 2016 Reporting Services reports using the Report Builder tool. This class is geared toward business analysts and data consumers who need to be able to successfully create reports on a SQL Server Reporting Services server.

Duration : 3 Days(24 hours)

Required Prerequisites

- General knowledge of database concepts including tables and fields.
- Be comfortable working in Microsoft Office.

Content Outline

1. SSRS Overview

- Reporting Services Features
- Tools Available with SQL Server 2016
- Authoring with Report Builder
- ClickOnce vs. Stand-alone (Optional)
- The Getting Started Dialog Box

2. Data Sources and Datasets

- What is a Data Source?
- Shared verses Embedded Data Sources
- What is a Dataset?
- Creating Datasets

3. Creating New Reports

- Using the Report Wizards
- Starting from the Blank Report Template
- What is Tablix?
- Creating a Tabular Report
- Creating a List Report
- What is a Matrix?

4. Formatting Reports

- Working with Text Boxes
- Rich Text Formatting
- Managing Text Boxes
- Drawing Lines and Boxes
- Images
- Page Headers and Footers
- Adding a document map
- Rendering Reports

5. Summarizing and Sorting

- Creating Groups
- Adding Totals and Aggregations
- Parent/Child vs. Adjacent Groupings
- Tablix Properties and Grouping Data

6. **Add Flexibility with Parameters**

    - Adding Parameters to a Report

    - Report Parameters vs. Query Parameters

    - Working with Cascading Parameters

    - Manage Report Parameter Properties

    - Use Parameters with SQL Queries and Stored Procedures

    - Sort Based on a Parameter Setting

    - Filtered Reports

7. **Enhanced Report Items**

    - Charts

    - Gauges

    - Add a Map to a Report

    - Data Bar, Indicator, and Sparkline Report Items

    - Nesting Data Regions

    - Subreports and Drillthrough Reports

    - Working with Drillthrough Reports

8. **Custom Expressions**

    - Understanding Expressions

    - Defining Expressions

    - Working with Report Variables

    - Understanding Lookup, LookupSet, and Multilookup Functions

    - Expression Samples