



- CYU – Check Your Understanding
- LOTW – Learning On The Walls
- PPR – Participant Progress Report
- PTS – Post Training Support (Web)

SQL SERVER REPORTING SERVICES (SSRS)-2014

Duration: 4 Days

INTRODUCTION TO BUSINESS INTELLIGENCE

- ❖ Database
- ❖ Data Warehouse
- ❖ Business Intelligence
- ❖ Microsoft Business Intelligence

SSRS OVERVIEW AND TOOLS

- ❖ Tools Available with SQL Server 2014
- ❖ SQL Server Documentation

WORKING WITH SOLUTIONS AND PROJECTS

- ❖ Working with SSDT-BI for Visual Studio 2013
- ❖ Understanding Solutions and Projects
- ❖ Working with the Visual Studio Developer Environment

CREATING BASIC REPORTS

- ❖ What is a Data Source?
- ❖ What is a Dataset?
- ❖ Using the Report Wizard
- ❖ What is Tablix?
- ❖ Creating a Tabular Report
- ❖ Creating a List Report
- ❖ What is a Matrix?
- ❖ Deploying a Project

FORMATTING REPORTS

- ❖ Rich Text Formatting
- ❖ Adding and Managing Text Boxes
- ❖ Drawing Lines and Boxes
- ❖ Images
- ❖ Adding Page Headers and Footers
- ❖ Using the Built-in Fields Folder
- ❖ Adding a Document Map
- ❖ Rendering Reports

CUSTOM EXPRESSIONS

- ❖ Understanding Expressions
- ❖ Defining Expressions
- ❖ Working with Report Variables



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- ❖ Accessing Multiple Datasets with Lookup Functions
- ❖ Additional Samples

SUMMARIZING AND SORTING

- ❖ Adding Groups with the Report Wizard
- ❖ Creating Groups
- ❖ Parent/Child vs. Adjacent Groupings
- ❖ Adding Totals and Aggregations
- ❖ Creating Aggregates of Aggregates

ADD FLEXIBILITY WITH PARAMETERS

- ❖ Adding Parameters to a Report
- ❖ Report Parameters vs. Query Parameters
- ❖ Manage Report Parameter Properties
- ❖ Use Parameters with SQL Queries and Stored Procedures
- ❖ Work with Cascading Parameters
- ❖ Sort Based on a Parameter Setting
- ❖ Filtered Reports

ENHANCED REPORT ITEMS

- ❖ Charts
- ❖ Gauges
- ❖ Add a Map to a Report
- ❖ Data Bar, Indicator, and Sparkline Report Items
- ❖ Nesting Data Regions
- ❖ Working with Subreports
- ❖ Working with Drillthrough Reports
- ❖ Performance Implications of Subreports and Drillthrough Reports

USING REPORT MANAGER

- ❖ Deploying Projects
- ❖ Navigating Report Manager
- ❖ Understanding Permissions
- ❖ Viewing Reports
- ❖ Working with Shared Data Sources
- ❖ Managing Reports

SSRS OVERVIEW AND TOOLS

- ❖ Features Found in Reporting Services
- ❖ SQL Server 2014 Tools
- ❖ Using Report Builder to Author Reports



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- ❖ Installing the Stand-alone Version of Report Builder
- ❖ Exploring the Report Builder User Interface
- ❖ Installing and Using SQL Server Documentation

REPORT BUILDER DATA SOURCES AND DATASETS

- ❖ Building and Using Data Sources
- ❖ Shared versus Embedded Data Sources
- ❖ Building and Using Dataset

CREATING NEW REPORTS

- ❖ Using the Report Wizards to Create Reports
- ❖ Creating Reports from the Blank Report Template
- ❖ Using Tablix
- ❖ Creating Tabular and List Reports
- ❖ Using a Matrix for Data Reporting

FORMATTING REPORTS

- ❖ Using Text Boxes
- ❖ Rich Text Formatting for Report Items
- ❖ Managing Text Box Properties
- ❖ Drawing Lines and Boxes
- ❖ Enhancing Reports with Images
- ❖ Headers and Footers
- ❖ Adding a Document Map to a Report
- ❖ Rendering Reports in Different Formats

SUMMARIZING AND SORTING

- ❖ How to Create Groups
- ❖ Adding Totals and Aggregations to Groups
- ❖ Parent/Child Groups vs. Adjacent Groups
- ❖ Tablix Properties and Grouping Data

ADD FLEXIBILITY WITH PARAMETERS

- ❖ Creating Parameters in a Report
- ❖ Report Parameters vs Query Parameters
- ❖ Using Cascading Parameters
- ❖ Report Parameter Property Management
- ❖ Using Parameters with SQL Queries
- ❖ Sorting Based on a Parameter
- ❖ Filtering Reports Using Parameters



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REPORTING ADMINISTRATION

- ❖ Managing Report Using Report Manager
- ❖ New Subscription
- ❖ Parameterized Subscription
- ❖ Data Driven Subscription
- ❖ Caching
- ❖ Snapshot of Report
- ❖ Shared Scheduler Advantage
- ❖ Site level Security
- ❖ Item Level Security