

Microsoft SSRS Training

MS SSRS Training with SQL

Mode:

Classroom and Online

Duration:

03 Months



We live in a competitive world where if you don't set yourself apart from the rest it can become extremely difficult to survive & navigate. Learning SQL Server and its various management, integration, analysis, and reporting services is one way through which you can give a competitive edge to others. This course is a complete database management system that is widely used around the globe.

This **Microsoft SSRS training course** will validate a candidate's ability to handle configuration, installation and maintenance of Microsoft SQL server using SSMS, SSIS, SSAS, and SSRS.

With the aim of training individuals to become a leader and expert in offering database solutions, this course will serve an ultimate purpose for students.

Eligibility to Join

To join the course, you just have to enroll yourself for the **SSRS training**. However, the basic computer knowledge with passion & interest in Information Technology is mandatory.

Objective of our MS SSRS SQL Training Course

The objective of the **SSRS training course** will be to introduce you with

1. SQL Server Management Studio (SSMS)

2. SQL Server Integration Services (SSIS) through which you will learn the conversion of data.
3. SQL Server Analysis Services (SSAS), which allow you to create cubes, and
4. SQL Server Reporting Services (SSRS) which is required for creation of reports.

What you will learn

Introduction

- Introduction to MS SQL Server
- Uses of it
- Database, tables, key factors etc.
- Syntax for creating database
- Versions & editions of SQL Server
- SQL Server client tools
- Schemas & database object

Querying Databases

- DDL and DML statements
- SQL Server wildcards
- Single & multi row insertion
- Delete v/s Truncate
- SQL Server operators' types and usage

Table Manipulation

- Table creation and data insertion
- Updating records in database
- Working with Forms

Joins, Views, Indexes, Sub Queries & Nested Queries

- What are SQL Joins
- Inner, Outer & Cross Join
- Self Join, Merge Joins & Sub queries
- SQL Functions- Introduction and types
- User defined and System Functions
- SQL Indexes and Stored Procedure
- Nested Stored Procedure
- Error handling
- Case studies

Triggers & Memory Limitation

- SQL Triggers
- Magic Tablets
- SQL Trigger types
- SQL After Trigger usage
- SQL Instead of Trigger usage

Transactions Process, Cursors, Stored procedures & CTE

- Transactions

- SQL Server Merge
- SQL Injections
- CTE & Recursive CTE
- Temp Tables
- Pivot & Unpivot
- Stored procedure usage for Insertion, Updating & Deleting

SSIS Architecture & DW Concepts

- Need for SSIS for ETL Operations
- Data warehouse design
- DW Components and SSIS tools
- SSIS Data Types and conversions
- Dynamic Precedence Constraints

SSIS Expressions & Debugging

- SSIS Parameters usage and Variable
- Control Flow Breakpoints
- Data Flow, Viewers and Audits

Data Flow Transformations & Deployment

- Need for SSIS for ETL Operations
- Data warehouse design
- DW Components and SSIS tools
- SSIS Data Types and conversions
- Dynamic Precedence Constraints
- Deployment versioning and options
- Project packaging
- SSIS checkpoints and usage
- Data analytics and Debugging

Event Logging and Handling, Package Security & Upgrades

- Encrypting SSIS catalogs
- Package stores and SSISDB
- Package event handling
- Configuration and benefits
- System events and Audits

Reporting Service Architecture

- Introduction to SSRS
- Reporting engine architecture
- Three phase report life cycle
- Report delivery and layout planning
- Working with multiple data sets
- Enterprise and adhoc reports

Sub Reports - Parameters and Filters

- Create new project in SSRS

- Shared data source, shared dataset, report
- SSRS table report
- Creating SSRS report using wizard
- How to add groups in SSRS reports
- Format fonts and background color of a textbox
- Repeat headers
- Filters at Tablix level in SSRS

Delivering and Managing reports

- Report parameters
- Cascading parameters in SSRS
- SSRS matrix reports
- Grouping and drill down in SSRS matrix report
- Column charts in SSRS

Data Warehouse concepts

- Data warehousing concepts
- Data warehousing features
- Types and Functions of data warehouse tools and utilities
- Models, schemas and delivering process

SSAS Concepts

- SSAS data source
- Add or remove tables from data source view in SSAS
- Source view in SSAS
- Create dimensions in SSAS
- Star schema in SSAS example

Career Options:

MS SQL Developer, MS SQL Professional, SSRS Professional etc.

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- [C Language Course \[6\]](#) - 1.5 months
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