

All Trainings are completely Real - Time & practical

SequelGate



Regd: SequelGate (I) Technologies Pvt. Ltd

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MSBI(SSIS, SSAS, SSRS)

- **Mode:** Instructor Led – LIVE, Classroom Training
- **Duration:** 8 weeks
- **Type:** 100% Practical. Theory Material provided in Advance

Training Highlights

- ✓ Complete Practical and Real-time Scenarios
- ✓ Study Material and Practice Labs
- ✓ Session wise notes & Doubts Clarifications
- ✓ Certification Material & Resume Preparation
- ✓ Interview Preparation and Guidance
- ✓ Technical Support and Placements Assistance
- ✓ Mock Interview and Course Completion Certificate

All Training Sessions are Completely Practical & Real-time

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SQL Server Integration Services(SSIS) Training

All Our Training Sessions are COMPLETELY PRACTICAL & REALTIME with Hands-On Lab.

Course includes: Study Material, Practice Material, Interview Guidance and a Real-time Project

SQL Server Integration Services

- ✓ Product History
- ✓ SSIS Package Architecture Overview
- ✓ Development and Management Tools
- ✓ Deploying and Managing SSIS Packages
- ✓ Source Control for SSIS Packages

SSIS for DBAs: Using SSMS

- ✓ The Import and Export Wizard
- ✓ Importing and Exporting Data
- ✓ Working with Packages
- ✓ Database Maintenance Plans
- ✓ Creating Database Maintenance Plans using SSMS

Business Intelligence Development Studio

- ✓ Launching BIDS
- ✓ Project templates
- ✓ The package designer
- ✓ The Toolbox Solution Explorer
- ✓ The Properties window
- ✓ The Variables window
- ✓ The SSIS menu

Introduction to Control Flow

- ✓ Control Flow Overview
- ✓ Precedence Constraints
- ✓ The Execute SQL Task
- ✓ The Bulk Insert Task
- ✓ The File System Task
- ✓ The FTP Task
- ✓ The Send Mail Task

Slowly Changing Dimensions

- ✓ About Slowly changing dimensions
- ✓ Types of Slowly changing dimensions
- ✓ Loading Slowly changing dimensions with SSIS
- ✓ Handling inferred member in scd.

Change Data Capture

- ✓ About CDC & LSN
- ✓ Enabling CDC on database
- ✓ Enable on Table
- ✓ Implementing incremental Load with CDC

Pivoting & unpivoting in SSIS

Debugging, Error Handling and Logging

- ✓ SSIS debugging overview
- ✓ Breakpoints in SSIS
- ✓ SSIS debugging windows
- ✓ Control Flow: The OnError event handler
- ✓ Data Flow: Error data flow
- ✓ Configuring Package Logging
- ✓ Built-in log providers

Advanced Data Flow

- ✓ Revisiting data sources and destinations
- ✓ The Lookup Transformation
- ✓ Getting Fuzzy: The Fuzzy Lookup and Fuzzy Grouping Transformations
- ✓ The Multi cast Transformation
- ✓ The Merge and Merge Join Transformations
- ✓ The Data Mining Query Transformation
- ✓ The Data Mining Model Training Destination

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Advanced Control Flow

- ✓ Containers grouping and looping
- ✓ The Web Service Task
- ✓ The WMI tasks
- ✓ The Analysis Services tasks
- ✓ The Execute Process Task
- ✓ The Execute Package Task

Introduction to Data Flow

- ✓ Data Flow Overview
- ✓ Data Sources
- ✓ Data Destinations
- ✓ Data Transformations
- ✓ The Copy Column Transformation
- ✓ The Derived Column Transformation
- ✓ The Data Conversion Transformation
- ✓ The Conditional Split Transformation
- ✓ The Aggregate Transformation
- ✓ The Sort Transformation
- ✓ Data Viewers

Variables and Configurations

- ✓ Variables Overview
- ✓ Variable scope
- ✓ SSIS system variables
- ✓ Using variables in control flow
- ✓ Using variables in data flow
- ✓ Using variables to pass information

Extending SSIS through Custom Code

- ✓ Introduction to SSIS scripting
- ✓ The SSIS script editor
- ✓ The SSIS object model
- ✓ Script in Control flow: The Script Task
- ✓ Script in Data flow: The Script Component
- ✓ Introduction to SSIS component development

SSIS Package Deployment

- ✓ Configurations and deployment
- ✓ The deployment utility
- ✓ Deployment options
- ✓ Deployment security
- ✓ Executing packages – DTEXEC and DTEXECUI

SSIS Package Management

- ✓ The SSIS Service Managing packages with DTUtil
- ✓ Managing packages with SQL Server Management Studio

ONE Real-time Case Study

SQL Server Analysis Services(SSAS) Training

All Our Training Sessions are COMPLETELY PRACTICAL & REALTIME with Hands-On Lab.

Course includes: Study Material, Practice Material, Interview Guidance and a Real-time Project

<p>OLAP Modeling</p> <ul style="list-style-type: none">✓ Modeling source schema stars snowflakes✓ Understanding dimensional Model✓ Dimensions Type 1,2,3✓ Understanding fact (measures) and cube modeling <p>Using SSAS in BIDS</p> <ul style="list-style-type: none">✓ Development Environment✓ Creating Data Sources and Data Source Views✓ Creating cubes – UDM and Cube Build Wizard✓ Refining Dimensions and Measures in BIDS <p>Intermediate SSAS</p> <ul style="list-style-type: none">✓ KPIs Perspectives✓ Translations✓ Cube✓ Metadata✓ Currency Localization✓ Actions-Regular, Drill through & Reporting <p>Advanced SSAS</p> <ul style="list-style-type: none">✓ Using multiple fact tables✓ Modeling intermediate fact tables✓ Modeling M:M dimensions,✓ Fact (degenerate) dimensions,✓ Role-playing dimensions,✓ write back dimensions✓ Modeling changing dimensions <p>Cube Storage and Aggregation</p> <ul style="list-style-type: none">✓ Storage topics – basic aggregations, MOLAP✓ Advanced Storage Design – MOLAP, ROLAP, HOLAP✓ Partitions-Relation & Analysis Services✓ Customizing Aggregation Design.✓ Rapidly changing dimensions.✓ ROLAP dimensions	<p>Beginning MDX (All Basics)</p> <ul style="list-style-type: none">✓ Basic syntax✓ MDX query editor in SSMS✓ Most-used Functions & Common tasks✓ New MDX functions <p>Intermediate MDX</p> <ul style="list-style-type: none">✓ Adding calculated members✓ Adding scripts✓ Adding named sets <p>SSAS Administration</p> <ul style="list-style-type: none">✓ Best practices – health monitoring✓ XMLA scripting (SQL Mgmt Studio)✓ Other Documentation methods✓ Security – roles and permissions✓ Disaster Recovery – backup / restore✓ Clustering – high availability <p>Introduction to Data Mining</p> <ul style="list-style-type: none">✓ What and why?✓ Data mining dimensions✓ Data mining Clients✓ Processing Mining Models <p>Introduction to Reporting Clients</p> <ul style="list-style-type: none">• Excel 2003 Pivot Tables• SQL RS & Report Builder <p>ONE Real-time Case Study</p>
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SQL Server Reporting Services(SSRS) Training

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Course includes: Study Material, Practice Material, Interview Guidance and a Real-time Project

Pre-requisites for this Course:

<h3>SQL Server Reporting Services</h3> <ul style="list-style-type: none">✓ Tour of Features✓ Reporting Services Architecture✓ Reporting Services Terminology✓ Reporting Services Editions✓ Taking Reporting Services for a Spin <h3>Creating Reports</h3> <ul style="list-style-type: none">✓ Deconstructing Reporting Services✓ Shared Data Sources✓ Creating Reports from Scratch <h3>Calculations and Formatting</h3> <ul style="list-style-type: none">✓ Creating Expressions✓ Using the Global Collections✓ Formatting Items✓ Conditional Formatting <h3>Grouping and Sorting</h3> <ul style="list-style-type: none">✓ Creating Groups✓ Calculating Totals and Percentages✓ Interactive Sorting✓ Creating Drill-Down Report <h3>Report Parameters</h3> <ul style="list-style-type: none">✓ Creating Report Parameters✓ Creating Drop-Down Parameters✓ Multi-Valued Parameters✓ Debugging Parameter Issues <h3>Creating Matrix Reports and Charts</h3> <ul style="list-style-type: none">✓ Creating a Basic Matrix Report✓ Matrix Subtotals✓ Creating a Basic Chart✓ Exploring the Charting Possibilities	<h3>Managing Reporting Services</h3> <ul style="list-style-type: none">✓ Deploying Reports and Data Sources✓ Exporting Reports and Printing✓ Using the Web-Based Report Manager✓ Using SQL Server Management Studio-based Reporting Services Manager <h3>Reporting Services Security</h3> <ul style="list-style-type: none">✓ Two Parts to Reporting Services Security✓ Securing Access to Reports✓ Data Source Security <h3>Programming Reporting Services</h3> <ul style="list-style-type: none">✓ The Many Reporting Services APIs✓ Integrating Reporting Services into Applications using URL Access✓ Using the Report Viewer Controls <h3>Advanced Reporting Services Programming</h3> <ul style="list-style-type: none">✓ Using the Reporting Services Web Service✓ Working with Custom Assemblies <h3>Snapshots and Subscriptions</h3> <ul style="list-style-type: none">✓ Caching and Snapshots✓ Creating Standard Subscriptions✓ Creating Data-Driven Subscriptions✓ Managing Subscriptions <h3>Ad-Hoc Reporting with Report Builder</h3> <ul style="list-style-type: none">✓ The Report Builder Architecture✓ Creating Report Model Projects✓ Running Report Builder <div style="background-color: #0000FF; color: white; padding: 5px; text-align: center;">ONE Real-time Case Study</div>
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Prior knowledge on T-SQL needed for this course. Participant needs to have knowledge on SQL Server Installation, Database Design, Table Design, T-SQL Data Types and Stored Procedures.

About Trainer:

With more than 10years of expertise and passion for MSBI(SSIS, SSAS, SSRS), MDX developing and Power Pivot- All his training sessions are completely **practical, real-time** and highly **interactive**.

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Why Choose Us?

- ✓ Complete Practical and Real-time Sessions
- ✓ Study Material and Practice Labs
- ✓ Certification Material & Resume Preparation
- ✓ Interview Questions, Preparation and Guidance
- ✓ Technical Support and Placements Assistance
- ✓ ISO Certified Training Organization

For Course Fee and Free Demo schedules, you may also refer to <http://sequelgate.com/contact-us.html>



We ASSURE you on complete practical, real-time training services

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