

SQL SERVER ANALYSIS SERVICES (SSAS & MDX)

<p>Introduction to SSAS and DW Storage</p> <ul style="list-style-type: none"> • Need of OLAP Databases and DW Store • Tabular & Multidimensional Modes • Need for Cubes and Measures • Identifying Facts and Dimensions • Identifying Measures and Aggregates • Identifying Attributes and Hierarchies <p>SSAS Design Entities & Cube Usage</p> <ul style="list-style-type: none"> • Data Source and Data Source Views • Computed and Named Queries • Building Entity Relationships • Deciding Data Warehouse Schema • Creating Dimensions and Builds • Attributes and Member Names • Choosing Dimension Templates • Applying Time Based Dimensions • Need for Hierarchies and Limitations • Attribute Relations and Uses • Building Levels and Hierarchies • Need for Composite Attribute Keys <p>KPI Calculations and Partitioned Aggregations</p> <ul style="list-style-type: none"> • Identifying Cube Entries for FASMI Rules • Measures and Additives (Full and Semi) • Defining Measure Groups and Measures • Cube Customizations and Options • BI Enhancements and Granularity • Building Fact Less Cube Dimensions • Calculations and Conditional Colors • MDX Scripting for Calculations • Defining KPIs and Goals using MDX • Perspectives using MDX Expressions • SSAS Actions with MDX and XMLA • Need for Cube Partitions and Query Binding • Local and Remote Server Partitions • Need for Storage Models – MOLAP and ROLAP • Generation of Aggregations on Partitions • Storage Modes and Proactive Caching • Hierarchies and Relations in Tabular Mode • TIME Dimensions in Tabular Mode 	<p>MDX Functions, FILTERS and JOINS</p> <ul style="list-style-type: none"> • MDX Language Syntax & Statements • MDX Functions & JOINS • Complex MDX Queries & FILTERS • PARALLELPERIOD, TIME Functions • Conditional FILTERED JOINS in MDX • Cube and Dimension Write backs • MDX Transactions & Limitations <p>Data Mining and Forecast</p> <ul style="list-style-type: none"> • Need for Data Mining Structures • Data Mining Algorithms and Rules • DMX Queries and Forecast Reports • Data Mining Scope and Ranking • Prediction Functions and Analysis <p>Deployment (Tabular & Multidimensional)</p> <ul style="list-style-type: none"> • Deployment Options and Tools • Creating OLAP (SSAS) Databases • Processing Options and stages • SSAS Database and Cube Audits • Managing SSAS Log Providers • OLAP & Tabular Database Backups • Restore Options and Partitions • Scripting DB Backups and XMLA • Scheduling Backups and Jobs • DB Synchronizations and XMLA • Managing Partitions & Aggregations <p>OLAP Management (Tabular & Multidimensional)</p> <ul style="list-style-type: none"> • Need for Optimizations and Audits • Designing Aggregations using UBO • OLAP Restore Options and XMLA • SSAS Security Roles and Scope • Object Level Access and MDX • Drill-Through Security and MDX • Item Level Security and DAX Filters • Dynamic Security Implementation • Security Audits and Cube Access Logs • Upgrading OLAP Databases (DW) • OLAP DB Synchronization Script
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Detailed Course curriculum available @ <http://sqlschool.com/SSAS-Online-Training.html>

Pre-requisites:

To attend for our practical MSBI (SSAS) Trainings, the participant needs to have basic SQL Server knowledge on Database Design, Table Design, T-SQL Data Types, Constraints, Views, Indexes, Stored Procedures and Functions.

All the concepts will be discussed practically. We provide Study Material, Interview & Certification Guidance along with one Real Time Case Study for this course. 24x7 LIVE Server access with Virtual Lab facility available.

About Trainer:

Mr. Sai Phanindra Tholeti, having 7+ years of experience exclusively on SQL Server & BI is a Database Consultant working for his own company - *SequelGate Innovative Technologies Pvt. Ltd.* He renders technical and support services for corporate clients involving Database Hosting, Business Consulting, CLOUD Storage (AZURE) and Data Support activities. All training sessions are completely **practical, real-time** and highly **interactive**. Complete profiler of the trainer available @ <http://www.linkedin.com/in/saiphanindra>

Training Highlights:

- ✓ Real-time Sessions and Completely Interactive
- ✓ Complete Practical Sessions
- ✓ Study Material
- ✓ Screenshot based Practice Material
- ✓ Session wise notes & Doubts Clarifications
- ✓ Certification Material
- ✓ Resume Preparation
- ✓ Interview Questions and Guidance
- ✓ Free Workshops & Technical Support
- ✓ Videos for missing sessions
- ✓ One Real-time Case Study
- ✓ 24x7 LIVE Server Access
- ✓ Virtual Lab Facility

Joining Procedure:

Participant needs to attend for a free demo. Registrations accepted after attending the demo session. Payment details to be shared after you attend free demo.

For Free demo / Further Clarifications:

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 040 64577244 (Office)
 040 66343536 (Office)

Mail us: contact@sqlschool.com

Skype: **SQL School**

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

Training Faqs available at <http://sqlschool.com/faq.html>