




Are You Ready?

SQL Server Performance Tuning Online Master Class

Have you ever been to Army-Training? When was the last time you had a **brain-melting experience**? Welcome to the most rigorous SQL training you ever had. This 40-hours course is designed to give you the right amount of internals knowledge and loads of practical tuning & optimization techniques that you can put into production right-away. The course will be taught by Amit Bansal, Microsoft Certified Master of SQL Server!

To know more, visit <http://www.sqlmaestros.com/sql-server-classes-india/>

 classes@sqlmaestros.com

**SQLMaestros**



Course Title:

SQL Server Internals, Troubleshooting and Performance Tuning

Duration: 40 hours(4 hours per day, 10 working days/2 consecutive week)

Schedule:

To browse the latest schedule of SQL Server Performance Tuning Master Class, visit:

<http://www.sqlmaestros.com/sql-server-classes-india/>

Key Highlights of Training:

- The most advanced SQL Server performance tuning workshop
- 40 hours of deep dive learning
- True level 300-400, exclusive content
- Gain real-world knowledge, get real-world exposure
- Get your own copy of SQLMaestros course material
- Packed with real-world demos and examples
- Learn from the Master: Amit Bansal is one of the very few Microsoft Certified Masters

To know more about SQL Master Classes, visit

<http://www.sqlmaestros.com/sql-server-classes-india/>

About The Instructor:

Amit R S Bansal, Director at eDominer Systems, is a Microsoft Certified Master of SQL Server & Microsoft MVP. He has worked on countless SQL Server projects since 1997, consulted, trained & mentored more than 15000 SQL Server professionals, delivered more than 500 workshops for 150+ SQL Server customers worldwide. He also speaks at international conferences on SQL Server and authors SQL content for Microsoft Corporation. Amit also holds an honorary status of Microsoft Regional Director.

Course Outline:

Module 1:	SQL Server Architecture, Scheduling and Waits <ul style="list-style-type: none">• SQL Server Components and SQL OS• Windows Scheduling vs SQL• Waits and Queues
Module 2:	SQL Server I/O <ul style="list-style-type: none">• Core Concepts• IO Setup and Testing• SQL Server IO Patterns
Module 3:	Database Structures <ul style="list-style-type: none">• Database Structure Internals• Data File Internals• TempDB Internals
Module 4:	SQL Server Memory <ul style="list-style-type: none">• Windows Memory• SQL Server Memory
Module 5:	Concurrency and Transactions <ul style="list-style-type: none">• Concurrency and Transactions• Locking Internals
Module 6:	Statistics and Index Internals <ul style="list-style-type: none">• Statistics Internals and Cardinality Estimation• Index Internals
Module 7:	Extended Events <ul style="list-style-type: none">• Extended Events core concepts• Implementing Extended Events
Module 8:	Monitoring, Tracing and Baselineing <ul style="list-style-type: none">• Monitoring and Tracing• Baselineing and Benchmarking
Module 9:	Troubleshooting Common Performance Issues <ul style="list-style-type: none">• Troubleshooting CPU Performance• Troubleshooting Memory Performance• Troubleshooting I/O Performance• Troubleshooting TempDB Performance• Troubleshooting Concurrency Performance
Module 10:	Query Execution and Query Plan Analysis <ul style="list-style-type: none">• Query Execution and Optimizer Internals• Optimizing T-SQL code/Rewriting including Query Hints• Analyzing Query Plans
Module 11:	Plan Caching and Recompilation <ul style="list-style-type: none">• Plan Cache Internals• Troubleshooting Plan Cache Issues
Module 12:	Index and Query Tuning <ul style="list-style-type: none">• Index Fragmentation• Indexing Techniques• Indexing Strategy• Tuning Queries
Module 13:	Resource Governor <ul style="list-style-type: none">• Concept & Architecture• Implementation
Module 14:	Table & Index Partitioning <ul style="list-style-type: none">• Concept & Architecture• Implementation



About SQLMaestros

SQLMaestros.com, a brand of eDominer Systems, is a focused team of Microsoft Data Platform specialists. Over the last decade we have consulted & trained more than 120+ customers on countless SQL Server projects. We demonstrate in-depth expertise and offer world-class consulting services. Our team travels extensively across the globe to deliver consulting & training services. We offer SQL Server training globally through our online & video based trainings. More than 150 customers have hired us to train & mentor their SQL resources.

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