

SQL DBA

COURSE SYLLABUS

SQL Architecture introduction & Installation

SQL Server Database Design

Normal Forms, Keys & Constraints

Views, JOINS and Sub Queries

Indexes

Stored Procedures

User Defined Functions

Triggers - Usage, Memory and Limitations

Cursors

Transaction and Stored Procedures

Locks, Deadlocks & Live Locks

Backups & Restores - Architecture and Management

Jobs: Architecture and Monitoring Options

Replication - Architecture, HA and DR

Log Shipping - Disaster Recovery (DR)

DB Mirroring - High Availability & DR

Security - Logins, Users & Roles

Audits For Database, Server & Queries

Data Imports, Exports and DB Mail

SQL DBA Checklist, SLA Process

Performance Tuning

Query Tuning