



# SQL Server 2008 DBA Training — Daywise breakup

Modules	Day
<b><u>Module 1: SQL &amp; TSQL</u></b>	
Installation of SQL SERVER 2008	1
Configuring of SQL SERVER 2008	1
Hardware requirement for SERVER 2008	1
Software requirement for SERVER 2008	1
Introduction to RDBMS System Database	1
E-R Diagrams	1
Normalization	1
Introduction to TSQL	1
Select Command	1
DDL	1
Constraints	1
DML	1
Joins, Sub-Queries	2
Correlated Sub queries, Ranking functions	2
Views	2
Functions	2
Stored Procedures	2
Triggers	2
Transactions	2
Cursors	2
Indexes	2
<b><u>Module 2: ADMIN &amp; ARCHITECTURE</u></b>	
Introduction to Admin & Architecture	2
Memory Architecture	2
Storage Architecture	2
Database Creation	3
Database Creation with wizard and & with T-SQL	3
Upgrading Database	3
Migration of Database Introduction to Managing File-groups	3
Data-files	3
Log-files	3
Managing Logins & Users	3
System Tables and Views & Linked Servers	3
Using System stored procedures and DBCC Commands	3
Import & Export	3
Attach and Detach Database	3
BCP Command	3
<b><u>Module 3: Backup and Recovery, High Availability, Configuration, Disaster Recovery options</u></b>	
Introduction to Database Backup	4
Partial Backup	4
Full Backup	4
Deferential Backup	4
Data Encryption	4
Managing Database Snapshots	4
Jobs and Alerts	4
Restoration and Recovery (with all Options)	4
Managing Log Shipping (Wizard and Scripting)	4
Managing Database Mirroring (Wizard and Scripting)	4

Managing Replication	4
<b><u>Module 4: Optimization</u></b>	
Introduction to Locking	4
Dead Locks	4
Transaction Isolation Levels	5
Introduction to Tuning	5
SQL Tuning	5
Index tuning	5
Performance Tuning Goals	5
Tuning Methodology	5
SQL Profiler	5
Resource Governor. Policy Management	5
Introduction to Views	5
Dynamic Management Views	5
Instance Tuning	5
I/O tuning	5
OS Tuning	5