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- Tutor-led training
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- IT skills
- Business skills
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Microsoft SQL Server Administration

Introduction	Microsoft SQL Server is an enterprise level relational database management system (RDBMS). It is suitable for databases where users are accessing the database simultaneously.
Objectives	This course provides students with the knowledge and skills required to install, configure, administer, and troubleshoot the client-server database management system of Microsoft SQL Server.
Designed for	New database administrators. No previous knowledge of SQL Server is required, but an understanding of relational databases is an advantage.
Duration	Five Days
Topics	SQL Server Overview What is SQL Server? SQL Server Integration SQL Server Databases SQL Server Security Working with SQL Server Planning to Install SQL Server Hardware Considerations Software Considerations Installing SQL Server Verifying the Installation Configuring SQL Server Enterprise Manager Troubleshooting Managing Database Files Introduction to Data Structures Creating Databases Managing Databases Placing Database Files and Logs Optimising the Database Using Filegroups Capacity Planning Performance Considerations Transferring Data Tools for Importing and Exporting Data in SQL Server Transforming Data with DTS Access Projects Creating an Access frontend Forms Reports SQL Server and the Web Creating XML documents Interactive web-pages Backing Up Databases Setting and Changing a Database Recovery Model When to Back Up Databases



Performing Backups
Types of Backup Methods
Planning a Backup Strategy
Restoring Databases
SQL Server Recovery Process
Preparing to Restore a Database
Restoring Backups
Restoring Databases from Different Backup Types
Restoring Damaged System Databases
Monitoring SQL Server for Performance
Why to Monitor SQL Server
Performance Monitoring and Tuning
Common Monitoring and Tuning Tasks
Managing Security
Implementing an Authentication Mode
Logins for to Users and Roles
Permissions for Users and Roles
Security Within SQL Server
Managing Application Security
Managing SQL Server Security in the Enterprise
Performing Administrative Tasks
Configuration Tasks
Routine Administrative Tasks.
Automating Maintenance Tasks

Follow-up Individual consultancy and tuition as required

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