



SQL Server Administration Essentials

The goal of this one-day instructor-led workshop is to provide participants with the technical skills required to administer SQL Server.

Upon completion, participants will be able to install, configure and troubleshoot the client server database management system of Microsoft SQL Server.

Throughout this course, a series of extensive hands-on exercises provides you with practical experience administering SQL Server.

Who Should Attend:

This SQL Server Administration course is designed for the practicing Microsoft SQL Server professional. It is also appropriate for anyone interested in learning SQL Server database administration. This includes SQL Server developers, SQL Server DBAs, SQL Server web developers and any computer professional who needs to understand the architecture and fundamental administration of a SQL Server database.

Course Prerequisites:

Before attending this workshop, participants should have:

- An understanding of basic database design, administration, and implementation concepts
- Experience using the Microsoft Windows Server operating system
- An understanding of basic SQL statements

Course Objectives:

After completing this workshop, participants will be able to:

- Use SQL Server tools to install SQL Server
- Create SQL Server databases
- Back up and recover SQL Server databases
- Implement security for logins, databases and objects
- Monitor and maintain SQL Server performance

Course Code: SSAE
Course Duration: 1 Day

Course Summary

Module 1: Introduction to Microsoft SQL Server

Module 2: Installing and Configuring SQL Server

Module 3: Creating and Maintaining Databases

Module 4: Managing Users and Security

Module 5: Backing up and Restoring Data

Module 6: Troubleshooting SQL Server

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Call 1300 927 394 to register for this course today as places are strictly limited.



Course Outline

Module 1: Introduction to Microsoft SQL Server

- Overview of SQL Server and Available Versions
- Tools Provided with SQL Server
- The Types of Statements Available

Module 2: Installing and Configuring SQL Server

- Installing SQL Server
- Configuring SQL Server Management
- Access from Client Systems

Module 3: Creating and Maintaining Databases

- Creating Databases
- Disk Space
- Transaction Log Maintenance

Module 4: Managing Users and Security

- Login and database user accounts
- Assigning User Accounts to Database Server Roles
- Assigning Access to Specific Databases
- Permissions Within a Database

Module 5: Backing up and Restoring Data

- SQL Server Backup and Restore
- Introduction to Management Studio
- Copying Databases Between Servers

Module 6: Troubleshooting SQL Server

- Installation Troubleshooting
- Service Troubleshooting
- SQL Server Error Logs
- Client Connection Problems
- Performance Problems