

Microsoft SQL Server 2019 Administration

Structured technical training and certification preparation

A practical, student-friendly outline covering installation, data Storage, data Recover, monitoring, and security.

MODULES

6

LESSONS

41

FORMAT

Self-paced

Module Breakdown

<p>MODULE 1</p> <p>Installation</p> <p>SQL Admin Intro Installation</p>	<p>MODULE 2</p> <p>Data Storage</p> <p>Introduction to Data Storage with SQL Server Managing Storage for System Databases Managing Storage for User Databases Moving Database Files</p>
<p>MODULE 3</p> <p>Data Recover</p> <p>Intro to Data Recovery Understanding SQL Server Recovery Models Planning a Backup Strategy Backing up Databases and Transaction Logs Using SSMS For Backup Understanding the Restore Process How to Restore a Database Using SSMS For Restore T-SQL Backup and Restore Advanced Restore Scenarios Introduction to Transferring Data Importing and Exporting Table Data Copying or Moving a Database</p>	<p>MODULE 4</p> <p>Monitoring</p> <p>Introduction to Monitoring SQL Server Dynamic Management Views and Functions Server Reports System Performance Monitor Tracing SQL Server Workload Activity Extended Events Database Tuning Advisor</p>

Module Breakdown (continued)

MODULE 5

Security

- Introduction to SQL Server Security
- Managing Server-Level Security
- Managing Database-Level Security
- Row Level Security (RLS) Using Policies
- Database Security Tools
- Contained Database
- Auditing Data Access in SQL Server
- Implementing Transparent Data Encryption

MODULE 6

Maintenance

- Introduction to Maintenance
- Ensuring Database Integrity
- Maintaining Indexes
- Automating Routine Database Maintenance
- Automating SQL Server Management
- Monitoring SQL Server Errors
- Configuring Database Mai