

<b>10977BC</b>	<b>Upgrading Your SQL Server Skills to Microsoft SQL Server 2014</b>	<b>5 DAYS</b>	<b>SATV : YES</b>
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## Course Description

This five-day instructor-led course teaches students how to use the enhancements and new features that have been added to SQL Server and the Microsoft data platform since the release of SQL Server 2008. The course focuses on teaching individuals how to use SQL Server 2014 product features and other Microsoft data platform components.

## Course Outline

### Module 1: High Availability and Data Recovery Enhancements

- AlwaysOn High Availability
- Enhancements to Data Recovery

### Module 2: New and Enhanced Features in SQL Server Integration Services

- Using the CDC Control Task for Incremental Data Loads
- Deploying and Operating SSIS Packages

### Module 3: Data Quality Services

- Introduction to Data Quality
- Using Data Quality Services to Cleanse Data
- Using Data Quality Services to Match Data

### Module 4: Introduction to SQL Server 2014

- Overview of SQL Server 2014
- SQL Server 2014 Editions and Components
- Installing SQL Server 2014
- Enhancements to SQL Server Management Studio

### Module 5: What's New in SQL Server Database Development

- Transact-SQL Enhancements
- New and Enhanced Transact-SQL Functions
- Enhancements to Spatial Data Support
- Storing and Querying Documents with SQL Server 2014

### Module 6: In-Memory Database Capabilities

- The Buffer pool Extension
- Columnstore Indexes
- Memory-Optimized Tables

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## **Module 7: Scripting SQL Server 2014**

- New and Enhanced Dynamic Management Views
- Using PowerShell to Manage SQL Server

## **Module 8: Implementing Security in Microsoft SQL Server 2014**

- Security Management Enhancements
- Contained Databases

## **Module 9: Master Data Services**

- Introduction to Master Data Services
- Implementing a Master Data Services Model
- Using the Master Data Services Add-in for Excel

## **Module 10: SQL Server 2014 Reporting Services**

- Reporting Services Overview
- Reporting Services and Microsoft SharePoint Server
- Introduction to Data Alerts

## **Module 11: Implementing an Analysis Services Tabular Data Model**

- Introduction to Analysis Services Tabular Data Model Projects
- Creating a Tabular Model
- Using an Analysis Services Tabular Data Model in the Enterprise

## **Module 12: Self-Service BI with Microsoft Excel**

- PowerPivot for Excel
- PowerPivot for SharePoint Server
- Power Query
- Power View
- Power Map
- Power BI for Office 365

## **Module 13: Introduction to Cloud Data Solutions**

- Overview of Cloud Computing
- Windows Azure Services for Data

## **Module 14: Windows Azure SQL Database**

- Introduction to Windows Azure SQL Database
- Windows Azure SQL Database Security
- Implementing and Managing Databases

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## **Module 15: SQL Server in Windows Azure Virtual Machines**

- Introduction to Windows Azure Virtual Machines
- Windows Azure Virtual Machine Connectivity and Security
- Creating Databases in a Windows Azure Virtual Machine

## **Module 16: Implementing Big Data Solutions**

- Introduction to Big Data
- Windows Azure HDInsight
- Consuming HDInsight Results in Excel
- Obtaining Data from the Windows Azure Marketplace