Available Dates: **Jan 9-11, Mar 25-27, May 29-31**
Class Length: **3 day**
Cost: **$1,690**
Email Computer Visions about this class

Class Outline:

Description:
This three-day instructor-led course provides students moving from earlier releases of SQL Server with an introduction to the new features in SQL Server 2016.

Course Outline:

Module 1: Introduction to SQL Server 2016Describe key capabilities and components of SQL Server 2016.

Lessons
•Overview of SQL Server 2016
•SQL Server 2016 Editions and Components
•Installing SQL Server 2016
•SQL Server Management Studio Enhancements

Module 2: What's New in SQL Server Performance? This module describes new and enhanced features in SQL Server performance.

Lessons
•Operational Analytics
•In-memory OLTP Enhancements
•Query Store
•Live Query Statistics
•Native JSON
•Temporal Tables

Module 3: What's New in SQL Server Security? This module describes new and enhanced features in SQL Server security.

Lessons
•Using Always Encrypted
•Row-level Security
•Dynamic Data Masking

Module 4: What's New in SQL Server Availability and Scalability? This module introduces what's new in SQL Server Availability and Scalability.

Lessons
•Enhanced AlwaysOn Availability Groups
•What's New with tempdb?
•Use Windows Server 2016 with SQL Server 2016
•PowerShell 5.0

Module 5: What's New in SQL Server Reporting and BI? This module introduces reporting and BI enhancements and new features in SQL Server 2016.

Lessons
•Reporting Services Enhancements
•PowerBI Enhancements
•Mobile Report Publisher

Module 6: What's New in SQL Server Data Access? At the end of this module you will be able to describe data access enhancements in SQL Server 2016.

Lessons
•PolyBase
•What's new in Integration Services
•Working with SSIS and Azure

Module 7: New and Enhanced Features in SQL Server OLAP. This module describes enhancements in SQL Server OLAP.

Lessons
•New and Enhanced Features in SQL Server OLAP
•What's New in SQL Server Analysis Services

Module 8: What's New for SQL Server in the Cloud? This module describes new SQL Server cloud functionality.

Lessons
•Stretch Database
•Enhanced Backups to Azure
•Introduction to SQL Server 2016 Hybrid Cloud
•What's New in SQL Server Azure Database