Microsoft SQL Server BI 2019, Part 5 of 7

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Meet the expert: Shiv is a seasoned Corporate Instructor and a Microsoft certified professional with 17 years of working and training experience on various
Microsoft technologies like HTML5, CSS3, ASP.NET MVC, SQL Server, MSBI, WPF, VSTS, TFS, Design pattern, UML, BizTalk, SharePoint and Microsoft dynamics. He is ASP.NET MVP for 6 years, speaks at seminars and conducts training.

Prerequisites: knowledge of SQL, coding experience and knowledge of Microsoft tools.

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Course description: Microsoft SQL Server BI transforms raw data into information businesses can use to make decisions. This course combines SQL Server Integration Services, SQL Server Analysis Services and SQL Server Reporting Services in one course with a project. This course covers: Buffer Size Tuning, Multi threading, Processing a Cube, Component Types, Architecture and Deployment and DQS.

Course outline:

SSIS: Buffer Size Tuning
- Introduction
- Buffer Size Tuning
- Increase Buffer Size
- More Complex Program
- Allocating RAM
- Calculate Buffer Size
- Summary

SSIS: Multithreading
- Introduction
- Introduction to Multithreading
- Implement Parallel Processing
- Parallelism Logic
- Partitioning in SQL
- Partition Script
- Summary

SSAS: Processing a Cube
- Introduction
- Manual Processing
- XMLA Query
- SQL Server Agent
- Debugging XMLA
- Summary

SSIS: Component Types
- Introduction
- Synchronous Components
- Demo: Determine Synchronous Tasks
- Blocking Components
- Summary

SSRS: Architecture and Deployment
- Introduction
- Architecture and Deployment
- IIS Configuration
- Deploy a Report
- SSRS Architecture
- Summary

DQS
- Introduction
- Intro to Data Quality
- DQS Installation
- Data Quality Client
- Domain Management
- Data Quality Projects
- DQS Administration
- Summary