Microsoft SQL Server BI 2019, Part 4 of 7

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: Executing SQL Tasks, Relationships, Script tasks and components, Graphical Reports, Partitions and Additive Measures.

Course outline:

Execute SQL Task
• Introduction
• Introduction to Execute SQL
  Task
• Map Parameters
• SQL Query
• Foreach and Execute SQL
• Summary

SSAS: Reference and Many-to-Many Relationships
• Introduction
• Regular Relationships
• Reference Relationship
• Many-to-Many Relationships
• Creating Many-to-Many
  Relationships
• Summary

SSIS: Script Task and Send Mail Task
• Introduction
• Introduction to Script Task
• Send Mail Task
• Script Task
• Summary

SSIS: Script Component
• Introduction
• Introduction to Script
  Component
• Edit Script for Source
• Data Transformation
• Split Data
• Script Component as
  Destination
• Debugging Script Component
• Summary

SSRS: Graphical Reports
• Introduction

• Bar Chart Gauge and Indicators
• Chart Component
• Chart Areas
• Gauges and Indicators
• Summary

SSAS: Partitions
• Introduction
• Creating a Partition
• Partitioning for Efficiency
• Multiple Partitions
• Restrict Rows
• Processing Partitions
• Summary

SSIS: Changed Data Capture
• Introduction
• Introduction to CDC
• CDC Configuration Process
• CDC Phase 1
• CDC Phase 2
• Update and Delete Syntax
• CDC Results
• Summary

SSAS: Additive Measures
• Introduction
• Additive Measures
• Semi-Additive Measures
• Non-Additive Measures
• Summary