Microsoft SQL Server BI 2019, Part 3 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: Reporting, Matrix Tabular Parameters, Data Profiling, Hierarchical Dimensions, Drill downs and Sub reports, KPIS as well as Pivot, Aggregation and Calculations.

Course outline:

SSRS: Simple Reporting
- Introduction
- Introduction to Reporting
- Customer Report
- Sorting
- Build Dropdown
- Connect Dropdown Data Sets
- Summary

SSRS: Matrix Tabular Parameters
- Introduction
- Expressions and Table Properties
- Matrix Reports
- Report Sorting
- SQL Dropdowns
- Summary

SSIS: Data Profiling
- Introduction
- Introduction to Data Profiling
- Data profile Destination
- Format Output
- Summary

SSAS: Hierarchical Dimensions
- Introduction
- Introduction to Hierarchical Dimensions
- Hierachy
- Query input to Cube
- Create Hierarchical Dimension
- Hierarchical Dimension in Action
- Summary

SSIS: Web Services and XML Tasks
- Introduction
- Introduction to Web Services
- WCF Test Client
- WSDL
- Result
- Summary

SSRS: Drilldowns and Subreports
- Introduction
- Drilldown reports
- Add Row Group
- Group By
- Summary

SSAS: KPIs
- Introduction
- KPIs
- Status Indicator
- Trend
- Color Coding
- Summary

SSIS: Pivot, Unpivot, and Aggregation
- Introduction
- Pivoting
- Pivot Key
- Sort Transformation
- Aggregation Transformation
- Summary

SSAS: Calculations
- Introduction
- Introduction to Calculations
- Calculator Member
- Visibility to False
- Measure vs. Calculation
- Summary