Microsoft SQL Server BI 2019, Part 6 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 Tabular model, MDX, Data Mining, Page Splits and Aggregation.

Course outline:

SSAS: Tabular Model and PowerPivot
- Introduction
- Introduction to Tabular Model
- Install PowerPivot
- PowerPivot Views
- Add PowerPivot Columns
- Explicit Calculations
- Multidimensional PowerPivot
- Summary

SSAS: MDX Queries
- Introduction
- Introduction to MDX
- Facts and Dimensions
- Where Clauses
- Sorting with MDX
- Axes
- Summary

SSAS: MDX Continued
- Introduction
- Reporting with MDX
- Select Multiple Facts
- CurrentMember and PrevMember
- Functions in MDX Queries
- Summary

Data Mining
- Introduction
- Introduction to Data Mining
- Data Mining Project
- Data Mining Wizard
- Data Mining Results
- Data Mining Views
- Summary

SSIS: Page Splits
- Introduction
- SQL Server Pages
- Page Splits
- Page Split Issues
- Page Splits per Second
- Indexing Without Page Splits
- Summary

SSAS: Aggregation
- Introduction
- Introduction to Aggregation
- Queries Without Aggregations
- Design an Aggregation
- Aggregation Usage
- Queries with Aggregations
- Workloads and Aggregations
- Summary