Course Title: SQL Server 2008 Analysis Services

Course Description:
Create, manage and share OLAP cubes in a business environment.

Course Prerequisite(s):
Working knowledge of the Windows environment

Course Objectives:
Create OLAP cube; deploy, customize, and extend basic calculations. Build scalable analytical applications and demonstrate administration of advanced features, including interactivity, data translation and security.

Textbook(s): Microsoft SQL Server 2008 Analysis Services Step by Step

Lesson Plan – by week or session
Session 1: Understanding Business Intelligence and Analysis Services
Understanding Business Intelligence: A Data Analysis Foundation
Understanding OLAP and Analysis Services
Session 2: Design Fundamentals
Accessing Source Data
Creating Dimensions
Session 3: Design Fundamentals
Creating Dimensions
Creating a Cube
Session 4: Design Fundamentals
Creating Advanced Measures and Calculations
Advanced Dimension Design
Session 5: Advanced Design
Working with Account Intelligence
Currency Conversion and Multiple Languages
Interacting with a Cube
Retrieving Data from Analysis Services
Implementing Security
Designing Aggregations
Session 6: Advanced Design
Working with Account Intelligence
Currency Conversion and Multiple Languages
Interacting with a Cube
Retrieving Data from Analysis Services
Implementing Security
Designing Aggregations
Session 7:  
Advanced Design  
Working with Account Intelligence  
Currency Conversion and Multiple Languages  
Interacting with a Cube  
Retrieving Data from Analysis Services  
Implementing Security  
Designing Aggregations  

Session 8:  
Production Management  
Managing Partitions and Database Processing  
Managing Deployment  
Advanced Monitoring and Management Tools