

## Implementing and Maintaining Microsoft SQLServer 2008 Analysis Services

**Eğitim Süresi:** 3 gün

**Eğitim Kodu :** MS 6234

### **Eğitim Ön Koşul:**

Temel Düzeyde SQL Server bilgisi ya da iş gereksinimleri ve raporlama konusunda iş deneyimi

### **Eğitim Hedefi:**

Dünyada biriken veri miktarının her geçen yıl iki katına çıktığı, şirketlerin veritabanlarının hızla büyüdüğü günümüz koşullarında, veritabanlarından analitik sorgular yapmak, ilgili örüntüleri ve kalıpları çıkarmak gibi işlemleri klasik veritabanı yöntemleriyle gerçekleştirmek her geçen gün daha da zorlaşıyor.

Analitik veri sistemlerinin merkezinde yer alan OLAP sistemlerinde SQL Server 2000'den beri pazar lideri olan Microsoft'un, 3 günlük "Implementing and Maintaining SQL Server 2008 Analysis Services" eğitimi sonunda, katılımcılar veri ambarları üzerinde küp yapıları oluşturmak, boyutları, hiyerarşileri ve ölçüt gruplarını yönetmek, küpleri zenginleştirici unsurlar oluşturmak, küpleri sorgulamak, küp yapılarını yönetmek ve veri madenciliğinin temelleri alanlarında gerekli bilgi donanımına sahip olacaklardır.

### **Eğitim İçeriği**

- Introduction to Microsoft SQL Server Analysis Services
- Creating Multidimensional Analysis Solutions
- Working with Cubes and Dimensions
- Working with Measures and Measure Groups
- Querying Multidimensional Analysis Solutions
- Customizing Cube Functionality
- Deploying and Securing an Analysis Services Database
- Maintaining a Multidimensional Solution
- Introduction to Data Mining

### **Adres**

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### **Modül 1:** Introduction to Microsoft SQL Server Analysis Services

- Overviewv of Data Analysis Solutions
- Overviewv of SQL Server Analysis Services
- Installing SQL Server Analysis Services

#### Lab : Using SQL Server Analysis Services

- (Level 200) Installing SQL Server Analysis Services
- (Level 200) Verifying Installation

### **Modül 2:** Creating Multidimensional Analysis Solutions

- Developing Analysis Services Solutions
- Creating Data Sources and Data Source Viewvs
- Creating a Cube

#### Lab : Creating Multidimensional Analysis Solutions

- (Level 200) Creating a Data Source
- (Level 200) Creating and Modifying a Data Source View
- (Level 200) Creating and Modifying a Cube

### **Modül 3:** VWorking vwith Cubes and Dimensions

- Configuring Dimensions
- Defining Attribute Hierarchies
- Sorting and Grouping Attributes

#### Lab : VWorking vwith Cubes and Dimensions

- (Level 200) Configuring Dimensions
- (Level 200) Defining Relationships and Hierarchies
- (Level 200) Sorting and Grouping Dimension Attributes

#### **Modül 4: VWorking with Measures and Measure Groups**

- VWorking VWith Measures
- VWorking with Measure Groups

#### **Lab : VWorking with Measures and Measure Groups**

- (Level 200) Configuring Measures
- (Level 200) Defining Dimension Usage and Relationships
- (Level 200) Configuring Measure Group Storage

#### **Modül 5: Querying Multidimensional Analysis Solutions**

- MDX Fundamentals
- Adding Calculations to a Cube

#### **Lab : Querying Multidimensional Analysis Solutions**

- (Level 200) Querying a Cube by Using MDX
- (Level 200) Creating a Calculated Member
- (Level 200) Defining a Named Set

#### **Modül 6: Customizing Cube Functionality**

- Implementing Key Performance Indicators
- Implementing Actions
- Implementing Perspectives
- Implementing Translations

#### **Lab : Customizing Cube Functionality**

- (Level 200) Implementing a KPI
- (Level 200) Implementing an Action
- (Level 200) Implementing a Perspective
- (Level 200) Implementing a Translation

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### **Modül 7: Deploying and Securing an Analysis Services Database**

- Deploying an Analysis Services Database
- Securing an Analysis Services Database

#### Lab : Deploying and Securing an Analysis Services Database

- (Level 200) Deploying an Analysis Services Database
- (Level 200) Securing an Analysis Services Database

### **Modül 8: Maintaining a Multidimensional Solution**

- Configuring Processing
- Logging, Monitoring, and Optimizing an Analysis Services Solution
- Backing Up and Restoring an Analysis Services Database

#### Lab : Maintaining a Multidimensional Solution

- (Level 200) Configuring Processing
- (Level 200) Implementing Logging and Monitoring
- (Level 200) Backing Up and Restoring an Analysis Services Database

### **Modül 9: Introduction to Data Mining**

- Overviewv of Data Mining
- Creating a Data Mining Solution
- Validating Data Mining Models

#### Lab : Introduction to Data Mining

- (Level 200) Creating a Data Mining Structure
- (Level 200) Adding a Data Mining Model
- (Level 200) Exploring Data Mining Models
- (Level 200) Validating Data Mining Models

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