

Microsoft Business Intelligence Workshop with Iman Eftekhari.

Overview:

Written and presented by industry expert, this 4 hours workshop gives professional developers an overview of an end-to-end integrated reporting and analytics solutions using Microsoft Business Intelligence.

Delivering the right information in the right format at the right time to all users in the organization—that is Microsoft's Business Intelligence (BI) strategy and vision for enterprise information management. Microsoft's integrated BI tools enable developers to create effective solutions that information workers use every day to find meaningful patterns in the vast sea of data they collect and to use that insight to quickly respond to changing business conditions.

Skills Gained:

After this workshop, attendees will gain a good understanding of different types of business intelligence solutions, from enterprise data warehousing to data marts to real-time operational reporting and analytics using the Microsoft Business Intelligence platform.

Key Topics:

Workshop Agenda

- Microsoft's BI Strategy, Dimensional Modeling, and ETL
- Multi-Dimensional Analysis, Reporting, and Collaboration
- Dashboards and Performance Management Solutions

Through this presentation attendees will learn:

- How to use Microsoft SQL Server 2008 to build and manage data marts which provide a consolidated view of business intelligence information.

- How to use the 2007 Microsoft Office system, Office SharePoint Server 2007, and Office Performance Point Server 2007 to provide a rich data analysis, visualization and performance management experience for end users
- How to build consolidated data marts using SQL Server 2008 Integration Services to extract, transform, and load business-critical information into SQL Server 2008 databases from disparate sources such as business applications and corporate databases.
- How to use SQL Server 2008 Reporting Services to develop predefined and ad hoc relational reports that simplify access to business-critical information, and how to publish and share those reports using Office SharePoint Server 2007 report libraries.
- How to use SQL Server 2008 Analysis Services to create a unified dimensional model (UDM) that simplifies analytical access to business-critical information stored in SQL Server 2008, and how to publish and collaborate on findings using SQL Server 2008 Reporting Services and Excel Services in Office SharePoint Server 2007.
- How to use SQL Server 2008 Analysis Services to create data mining models that explore, uncover and predict patterns in a BI solution
- How to use Excel 2007, Visio 2007 and PPS 2007 for advanced data analysis and visualization.
- How to use Office Performance Point Server 2007 to provide integrated performance-management solutions with score carding functionality.

The workshop will empower developers to exploit the BI functionality in the following technologies:

- SQL Server 2008 Database Services
- SQL Server 2008 Integration Services
- SQL Server 2008 Reporting Services
- SQL Server 2008 Analysis Services
- SQL Server 2008 Data Mining
- Office SharePoint Server 2007
- Office Performance Point Server 2007
- 2007 Office system client tools, including Excel 2007 and Visio 2007

Target Audience: These presentations were designed specifically to give professional developers the information they need to deliver integrated solutions on the Microsoft BI platform.

Prerequisites: The following skills and knowledge will help attendees have a positive experience in the workshop:

- Basic understanding of SQL and relational database technology
- Basic understanding of SharePoint portal technology