

IN BRIEF

Delivery: Instructor-led course

Duration: 5 days

Cost Per Person: \$2875+ GST (Early Bird price when booked through CSG) OR \$3500+ GST

Inclusions: Solid Quality expert instructor, comprehensive course manual, individual computer access and fully catered lunch, morning and afternoon tea breaks.

Prerequisites: Attendees should have a basic understanding of SQL Server and relational database technology. Some development experience with a .NET language is useful but not essential.

Products Covered: 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 (OLAP and Data Mining)
- Office Visio 2007 Office Excel 2007

While based on SQL Server 2008 versions of SQL Server, this course is highly relevant for those working on SQL Server 2005 versions as well.

Microsoft BI Bootcamp: SQL Server 2008, Office System 2007 and PerformancePoint Server 2007

Course Description

This intensive five-day workshop gives professional developers the information and hands-on experience they need to deliver state-of-the-art, integrated reporting and reporting 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.

On completion of this workshop attendees will be able to position different types of Business Intelligence solutions, from enterprise data warehousing to data marts to real-time operational reporting and analytics. Attendees will learn how to design and build powerful integrated solutions that provide users with rich reporting, analysis and visualization capabilities by targeting operational data from an existing line-of-business application using the Microsoft Business Intelligence platform.

Audience

The presentations and labs have been designed specifically to give professional developers—those who work for an ISV, SI, or enterprise customer—the information they need to deliver integrated solutions on the Microsoft BI platform.

This course is also relevant and useful for those interested to understand and evaluate Microsoft's Business Intelligence offerings.

NOTE: This course is also very useful for those currently working with the SQL Server 2005 series of technologies. Differences between the releases are identified.

Objectives

Through interactive presentations and concrete hands-on labs, attendees will learn:

- How to use Microsoft SQL Server 2008 to build and manage data marts which provide a consolidated view of organizational data.
- How to use dimensional modeling techniques and Visio 2007 database modeling tools to create data models in SQL Server 2008 for hosting consolidated BI information.
- 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.
- How to use SQL Server 2008 Analysis Services to create a Unified Dimensional Model 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.
- How to use SQL Server 2008 Analysis Services to create data mining models that explore, uncover and predict patterns in a BI solution.

Topics continued overleaf...



.....Topics Covered Continued

Day 1

Overview of SQL Server Integration Services
Working with SSIS Control Flow
Working with SSIS Data Flow
Optimizing the Data Flow

Day 2

Advanced Data Transformations
Loading Dimension Tables
Loading Fact Tables
SSIS Configuration, Logging, Deployment and Execution

Day 3

Introduction to SQL Server Analysis Services
Calculations, KPIs and Actions
Deploying and Processing Cubes
Introduction to Analysis Services Data Mining

Day 4

Introducing Reporting Services
Implementing Interactivity in Reports
Enhancing Reports Through .NET Code
Managing Reporting Services

Day 5

Implementing Report Builder
Deploying and Linking to Reports
Reporting from Analysis Services Cubes
Using Excel for Reporting

For further information and registration details contact training.es@csg.com.au or (08) 6250 7900