

HC-460: SQL Server 2005 Analysis Services Bootcamp

Overview

This five-day course shows students how to develop business intelligence solutions using Microsoft SQL Server 2005 Analysis Services. Analysis Services is a business intelligence platform that enables users to efficiently query large data sets and to perform sophisticated analyses using complex formulas, thus combining the benefits of database and spreadsheet technology in a single solution. Students of this class will learn how to use key components, such as data sources, data source views, dimensions, cubes, perspectives, MDX scripts, and key performance indicators to create a Analysis Services project. By attending this class, students will also learn how to manage updates to these objects, apply security, and work with the more advanced features of Analysis Services to create a business intelligence solution. At the end of this class, students should be able to apply the real-world situations discussed in the classroom to their own environments to build solutions that help users better analyze business information.

Audience

This course is targeted towards the following types of students:

- Business Intelligence Architects
- Data Warehouse Administrators
- Application Developers

Prerequisites

To get the most out of this course, you should have:

- Understanding of basic database design, administration, and implementation concepts
- Knowledge of basic Transact-SQL syntax Application Developers

Duration

5 Days

Course Outline

This five day, instructor-led course introduces students to the full range of Analysis Services features. Beginning with an overview of basic multidimensional database concepts, the course leads students through incremental development of an Analysis Services database and progressively adds features to the database to demonstrate how these features enhance business analysis.

- Understanding Data Warehousing
- Understanding OLAP and Analysis Services
- Building Your First Cube
- Designing Dimensions
- Designing Measure Groups and Measures
- Working with a Finance Measure Group
- Designing Aggregations and Hierarchies
- Using MDX in Calculated Members, Customer Members, Script Assignments, and Key Performance Indicators
- Exploring Advanced Features: Dimension types, Currency Conversions, Perspectives, and Translations
- Interacting with Cubes through Actions and through Write-Back
- Applying Security by Using Roles or by Restricting Dimensions
- Managing Partitions and Database Processing
- Managing Deployment

For more information and details on course schedules please contact:

**Martin Skelly
Hitachi Consulting UK
Park House
Station Road
Teddington
TW11 9AD**

Tel: +44 (0)870 850 6669

Email: training@m2bis.com