

Data Warehouse Course Content

Part I Business Intelligence

Equipping the Organization for Effective Decision Making

- Effective Decision Making
- Keys to Effective Decision Making
- Business Intelligence

Making the Most of What You've Got-Using Business Intelligence

- What Business Intelligence Can Do For You
- Business Intelligence at Many Levels
- Maximum Miniatures, Inc.
- Building the Foundation

Searching for the Source-The Source of Business Intelligence

- Seeking the Source
- The Data Mart
- Snowflakes, Stars, and Analysis Services

One-Stop Shopping-The Unified Dimensional Model

- Online Analytical Processing
- The Unified Dimensional Model
- Tools of the Trade

First Steps-Beginning the Development of Business Intelligence

- The Business Intelligence Development Studio
- The SQL Server Management Studio
- Don Your Hardhat

Part II Defining Business Intelligence Structures

Building Foundations-Creating and Populating Data Marts

- Data Mart
- Designing a Data Mart
- The Benefits of Integration

Fill'er up-Using Integration Services for Populating Data Marts

- Integration Services
- Package Development Features
- Putting Integration Services Packages into Production
- Meanwhile, Back at the Unified Dimensional Model (UDM)

Part III Analyzing Cube Content

Cubism-Measures and Dimensions

- Where We've Been and Where We're Going
- Measures
- Dimensions
- You Are Special

Bells and Whistles-Special Features of OLAP Cubes

- Where No Cube Has Gone Before

- Additional Cube Features
- More Sophisticated Scripting

Writing a New Script-MDX Scripting

- Terms and Concepts
- Putting MDX Scripting to Work
- Extracting Data from Cubes

Pulling It Out and Building It Up-MDX Queries

- The MDX SELECT Statement
- Additional MDX Syntax
- Can You Dig It?

Part IV Mining

Panning for Gold-Introduction to Data Mining

- What Is Data Mining?
- Data Mining Algorithms
- Grab a Pick Axe

Building the Mine-Working with the Data Mining Model

- Data Mining Structure
- Mining Model Viewer
- Reading the Tea Leaves

Spelunking-Exploration Using Data Mining

- Mining Accuracy Chart
- Mining Model Prediction
- Data Mining Extensions
- Special Delivery

Part V Delivering

On Report-Delivering Business Intelligence with Reporting Services

- Reporting Services
- Report Servicing Architecture
- Report Creation
- Report Manager
- Managing Reports on the Report Server
- Ad Hoc Reporting
- Putting It All Together
- ADOMD.NET