SAP Business Objects 4x Information Design Tool

Course Content

Course Description:

This hands-on instructor-led course will give students the skills to create comprehensive SAP BI 4.x Universes. Students will learn how to create, document, test, maintain, and distribute Universes which will meet the reporting needs of their organization. Students will build two IDT universes based on relational databases.

At Course Completion:

After competing this course, student will be able to:
- Understand IDT terminology and features
- Build complete Universes
- Design, test, document, and deploy Universes
- Create Universes which will meet the reporting needs of business users

Target Student:

This course is intended for users that are new Information Design Tool (IDT) users. It is designed for users of SAP BI 4.x.

Prerequisites:

No prior IDT experience is required. Students are required to have a working knowledge of Web Intelligence. Familiarity with database design and SQL is very helpful.

Topics:

Module 1 - Introduction
- Training Objectives
- Overview of BusinessObjects Tool
- The Island Resorts Marketing Universe
- Course Book Overview
- Conventions Used In This Book
- Questions for Discussion

Module 2 - Getting Started With the IDT
- IDT v. UDT
- Steps to Creating a New Universe
- Starting the Information Design Tool

- Creating a New Project
- Defining a Database Connection
- Opening an Existing Published Universe
- Converting UNV Universes
- Questions for Discussion

Module 3 - Creating a Data Foundation
- Defining a Data Foundation
- Selecting Tables
- Creating Joins
- Editing Joins
- Cardinality

- Test Integrity
- Self Joins
- Shortcut Joins
- Derived Tables
- Creating a Multisource Universe
- Questions for Discussion

Module 4 - Resolving Join Issues
- Resolving Join Problems
- Solving Loop Issues
- Aliases
- Contexts
- Creating a Context
- Chasm Traps
- Fan Traps

Module 5 - Creating a Business Layer
- Creating a Business Layer
- Creating and Editing Objects
- Testing Queries
- Hiding Objects
- Object Properties
- Creating and Editing Measures
- Formatting Objects
- Creating Attribute Objects
- Prompt Objects using @Prompt
- Creating Time Objects
- Creating Filter Objects
- Apply Mandatory Data Restrictions
- Creating Objects from Database Functions
- Questions for Discussion

Module 6 - List of Values and Cascading Prompts
- Customized LOV
- Customizing an LOV from a File
- Cascading Prompts
- Creating Parameters

Module 7 - Performance Tuning

- Aggregate Awareness
- Setting Up Aggregate Awareness
- Index awareness
- Using Navigation Paths
- Custom Navigation Paths
- Performance Tuning

Module 8 - Testing and Deploying the Universe
- Testing the Universe
- Refreshing the Universe Structure
- Deploying the Universe
- Using Data Foundation Views
- Using Business Layer Views
- Using Shared Projects
- Documenting a Universe

Module 9 - Testing and Deploying the Universe
- Securing a Published Universe
- Using Data Security Profiles
- Using Business Security Profiles
- Identifying the Priority of Security Settings

Appendix 1 - Additional Resources

Appendix 2 - Student Labs