



DM310V3.0 - SAP BusinessObjects Universe Designer XI 3.0/3.1: Universe Design

BOU310

Goals

- This core three-day instructor-led course is designed to give you the comprehensive skills needed to design, build and maintain BusinessObjects 6.5, BusinessObjects XI R1/R2, and BusinessObjects XI 3.0/3.1 universes.
- You should attend this course to understand universe design concepts and terminology, as well as the role of universes in relation to BusinessObjects reporting tools.
- The course provides an overview of the process for planning, designing and creating a universe and then walks you through the process of designing a universe that responds to identified requirements.
- The business benefit of this course is that you learn best-practice methodology for creating universes that respond to your reporting requirements.
- Through well-designed universes, report designers and business users are able to create reports without having to know anything about the underlying data source or structure.

Audience

- This course is designed to teach you how to design BusinessObjects universes using Universe Designer; using BusinessObjects 6.5, BusinessObjects XI R1/R2, or BusinessObjects XI 3.0/3.1.
- New features covered in the XI 3.0/3.1 course that are not applicable to BusinessObjects 6.5 or XI R1/R2 learners include:
 - Creating a cascading list of values associated with a hierarchy of objects in a universe
 - Creating delegated measures
 - Creating nested derived tables
 - Using Translation Manager
 - Testing universe results in Web Intelligence Rich Client
- The target audience for this course is anyone responsible for creating and designing universes using Universe Designer, using BusinessObjects XI 3.0/3.1.

Prerequisites

Essential

- * Prerequisite Education (If you want to increase your skill level and knowledge of BusinessObjects Web Intelligence™ XI reporting skills and concepts, this course is recommended:)
- BusinessObjects Web Intelligence XI 3.0/3.1: Report Design * Prerequisite Knowledge/Experience (To be successful, you must have working knowledge of:)
- SQL and relational database management systems concepts and structures
- Familiarity with the type of data and the logical structure of the databases in your organization
- Familiarity with BusinessObjects Web Intelligence report building

Content

- Understanding BusinessObjects Universes
 - Define BusinessObjects universe concepts
 - Use the universe development cycle
- Creating the Course Universe
 - Describe the course database and universe
 - Create the course universes
- Building the Universe Structure
 - Populate the universe structure
 - Define joins in a universe
- Creating Dimension Objects
 - Describe classes and objects
 - Create classes and objects
- Creating Measure Objects
 - Define measure object concepts
 - Create measure objects
 - Create delegated measure objects
- Resolving Loops in a Universe
 - Understand loops
 - Resolve loops using aliases
 - Resolve loops using contexts
- Resolving SQL Traps
 - Understand SQL traps and universes
 - Resolve fan traps
 - Resolve chasm traps
- Applying Restrictions on Objects
 - Restrict the data returned by objects
- Using @functions with Objects
 - Use @functions

- Using Hierarchies
 - Understand hierarchies and universes
 - Work with hierarchies
- Using Lists of Values
 - Create a list of values
 - Work with LOVs in Universe Designer
 - Create a cascading LOV
- Creating Derived Tables and Indexes
 - Use derived tables
 - Apply index awareness
- Linking Universes
 - Understand linked universes
 - Create links between universes
- Applying Universe Access Restrictions
 - Set access restrictions on a universe
- Managing Universes
 - Document universes
 - Deploy universes
 - Maintain universes
 - Deploy universes in multiple languages