

BUSINESSOBJECTS XI R1/R2: UNIVERSE DESIGN (REV B)

DM310R2

Course Description

This three-day instructor-led course is designed to give you the comprehensive skills needed to design, build and maintain BusinessObjects™ 6.5 and BusinessObjects XI R1/XI R2 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 will learn best-practice methodology for creating universes that respond to your reporting requirements. Through well-designed universes, report designers and business users will be able to create reports without having to know anything about the underlying data source or structure.

Course Audience

The target audience for this course is universe designers.

Prerequisite Education

If you want to increase your skill level and knowledge of BusinessObjects™ Desktop Intelligence™ XI reporting skills and concepts, this course is recommended:

- BusinessObjects Desktop Intelligence XI R2: Report Design
- 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 R1/R2: 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 their organization
- Familiarity with BusinessObjects W
- eb Intelligence report building

Additional Education

If you want to maximize your skill level and knowledge of Universe Designer and apply it to designing question domains for use with BusinessObjects™ Intelligent Question™ XI, this course is recommended:

- BusinessObjects Intelligent Question XI R2: Question Designer Basics

Level, Delivery, and Duration

This instructor-led offering is a three-day course.

Applicable Certification

This course is not applicable to any Business Objects Certified Professional programs.

Additional Information

Visit: <http://www.businessobjects.com/services/training/>

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Course Topics

1 Understanding BusinessObjects Universes

- Understanding how universes allow users to query databases using their everyday business terms

2 Creating the Course Universe

- The course database and universe
- Creating a universe

3 Building the Universe Structure

- Populating the universe structure
- Defining joins in a universe

4 Creating Dimension Objects

- Understanding classes and objects
- Creating classes and objects

5 Creating Measure Objects

- Understanding measure objects
- Creating measure objects

6 Using Lists of Values

- Working with LOVs in Designer
- Creating a cascading LOV

7 Resolving Loops in a Universe

- Resolving loops using aliases
- Resolving loops using shortcut joins
- Resolving loops using contexts

8 Resolving SQL Traps

- Resolving chasm traps
- Resolving fan traps

9 Applying Restrictions on Objects

- Restricting the data returned by objects

10 Using Functions with Objects

- Using @ Functions

11 Using Hierarchies

- Working with hierarchies

12 Aggregate Awareness

- Applying aggregate awareness to objects

13 Derived Tables and Indexes

- Using derived tables
- Applying index awareness

14 Linking Universes

- Creating links between universes

15 Securing Universes

- Setting access restrictions on a universe

16 Managing Universes

- Documenting universes
- Deploying & maintaining universes

17 Creating Universes from Metadata

- Creating a universe from an XML metadata file

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