

## BusinessObjects™ XI: Advanced Universe Design - DM351R2

### IN BRIEF

**Delivery:** Instructor-led course

**Duration:** Two days

**Class size:** 10 Students Max.

**Cost:** \$2,100.00 per person + GST

**Inclusions:** BusinessObjects expert instructor, comprehensive course manual, individual computer access, and fully catered lunch, morning and afternoon tea breaks.

**Prerequisites:** To be successful in this advanced course, you must have working knowledge of:

- SQL and relational database management systems concepts and structures
- Familiarity with the metadata and logical structure of the databases in their organization
- BusinessObjects Universe Designer
- BusinessObjects Web Intelligence™

To satisfy the above prerequisites we recommend these courses:

- BusinessObjects XI R1/R2: Universe Design
- BusinessObjects Web Intelligence XI R2: Report Design

**Products Covered:**  
BusinessObjects Universes

**Previous Training:**  
BusinessObjects XI R1/R2: Universe Design

### Course Description

This two day instructor led advanced course is designed to give you the comprehensive skills and in depth knowledge needed to design universes in BusinessObjects Designer. 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.

### Audience

The target audience for this course is anyone responsible for creating and designing universes using a BusinessObjects Enterprise XI R2 SP2 environment. You will be most successful if you have experience working with BusinessObjects Designer.

### Topics Covered

#### Universe Development Process

- Understanding the metadata universe Development Cycle
- Best practices for universe design

#### Universe Parameters

- Data access files and connection parameters
- BusinessObjects dynamic SQL parameters
- Connection and user credential parameters

#### Advanced Objects Scenarios

- Combining database functions in objects
- Constructing relative date-time objects
- Working with Transact\_SQL functions

#### Complex Predefined Conditions, LOVs and Joins

- Complex predefined conditions
- Advanced LOVs
- Advanced Join syntaxes

#### SQL Traps Revisited

- Chasm Traps
- Fan Trap

#### Extended Index Awareness and Derived Tables

- Applying Index Awareness
- Derived Tables

#### External Strategies

- Creating and using external strategies