



# SAP BusinessObjects Universe Designer XI 3.0/3.1: Advanced Universe Design

## BOU320

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### Goals

- 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™ Universe 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 Universe Designer, using BusinessObjects XI 3.0/3.1.
- The learners who attend the course will be most successful if they have experience in working with Business Objects Universe Designer.
- New features covered in the XI 3.0/3.1 course that are not applicable to BusinessObjects XI R1/R2 learners include:
  - Creating universes from stored procedures and JavaBeans
  - Creating, modifying, and updating universes from OLAP data sources using the enhanced OLAP functionality in Universe Designer

### Prerequisites

#### Essential

- \* Prerequisite Education
- BusinessObjects XI R2: Universe Design, and/or BusinessObjects XI 3.0/3.1: Universe Design
- BusinessObjects™ Web Intelligence XI R2: Report Design, and/or BusinessObjects™ Web Intelligence XI 3.0/3.1: Report Design \* Prerequisite Knowledge/Experience (To be successful, you must be familiar with:)
- The metadata and logical structure of the databases in your organization
- BusinessObjects Web Intelligence report building
- Using BusinessObjects Universe Designer

- Using and working with SQL and relational database management systems concepts and structures
- The BusinessObjects Central Management Console

## Content

- Reviewing Universe Design Concepts
  - Use your universe design and BusinessObjects Universe Designer knowledge to solve business problems
  - Describe the course universe, database data, and structure
- Working with Aggregate Awareness
  - Define aggregate awareness
  - Apply aggregate awareness to objects
- Designing Advanced Objects
  - Combine database functions in objects
  - Construct relative date-time objects
- Creating Complex Predefined Conditions, LOVs, and Joins
  - Create complex predefined conditions
  - Work with advanced LOVs
  - Work with advanced join syntaxes
- Securing Universes
  - Define connection and user credential parameters
  - Work with Central Management Server (CMS) universe security
  - Work with table mapping
- Implementing Universe Life Cycle Management
  - Move content from development to production
- Maintaining and Optimizing Universes
  - Optimize universes
  - Apply foreign key index awareness
  - Apply best practices for universe design
- Creating Universes from Other Data Sources
  - Create a universe from an XML metadata file
  - Create stored procedure and JavaBeans universes
  - Work with OLAP universes