

## BusinessObjects Universe Designer XI 3.0: Universe Design

### COURSE CODE: BOU310 - DM310V3.0

**Duration: 3 days**

#### Delivery Type

- Instructor-led Classroom

#### 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.
- New features covered in the XI 3.0 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
- The target audience for this course is universe designers.

#### Prerequisites:

##### Essential

- \* Prerequisite Education
- BusinessObjects Web Intelligence XI 3.0: 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 Web Intelligence report building

##### Recommended

- None

#### 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 XIR1/XIR2, and BusinessObjects XI 3.0 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.

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## Course Based on Software Release

### 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 universe
- 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
  - Explain measure object concepts
  - Create measure objects
  - Create delegated measure objects
- Resolving Loops in a Universe
  - Understand loops
  - Resolve loops using shortcut joins
  - Resolve loops using aliases
  - Resolve loops using contexts
- Resolving SQL Traps
  - Understand SQL traps and universes
  - Resolve fan traps
  - Resolve chasm traps
- Using Lists of Values
  - Create a list of values
  - Work with LOVs in Designer
  - Create a cascading LOV
- Applying Restrictions on Objects
  - Restrict the data returned by objects
- Using @functions with Objects
  - Use @ Functions
- Using Hierarchies
  - Work with hierarchies
- Derived Tables and Indexes
  - Using derived tables
  - Apply index awareness
- End-of-Course Challenge
  - Design and create the Prestige Motors universe

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## Notes

- Additional Education
  - Not applicable for this offering.
- Applicable Certification
  - This course is not applicable to any Business Objects Certified Professional programs.
- This course does not focus specifically on integration with SAP NetWeaver BI.

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