

Consulting and Training | Reach New Heights

Course Name

Business Objects (Design) - Basic

Sector Name

Information Technology

Document Type

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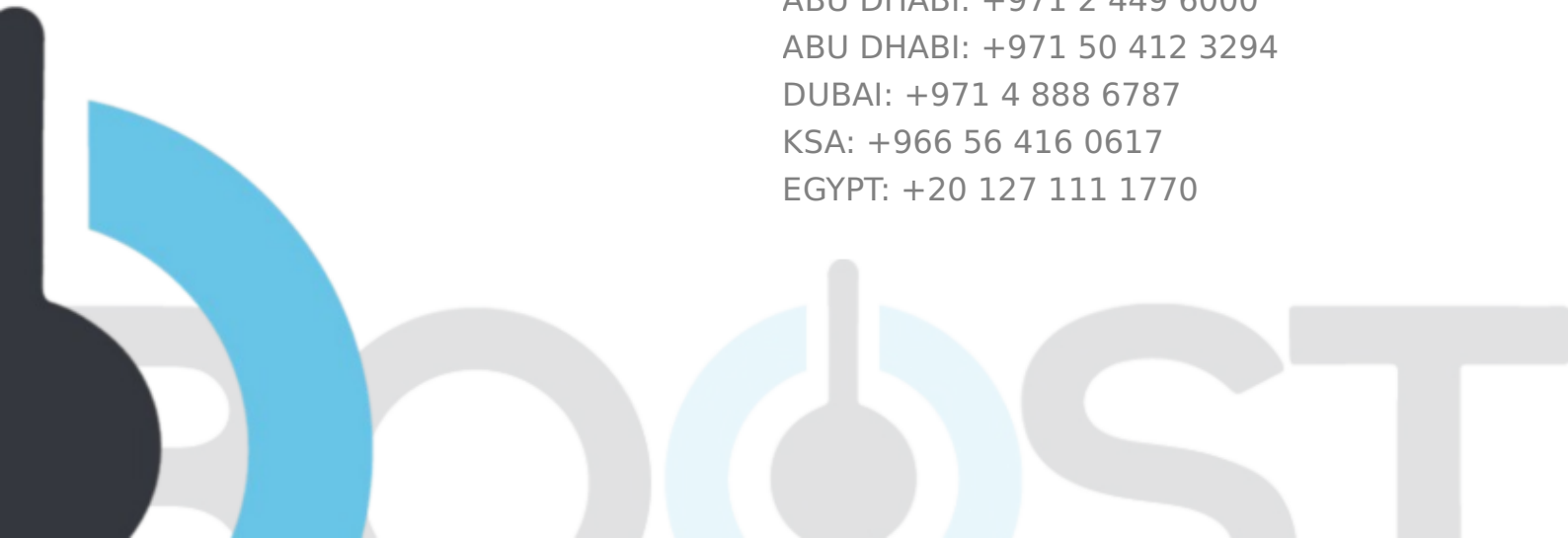
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Business Objects (Design) - Basic

Course Introduction

This training course is designed to provide participants with the essential concepts and knowledge on creating SAP BusinessObjects universes using the SAP BusinessObjects Information Design Tool.

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Target Audience

- ✓ Cloud Computing Engineer
- ✓ Computer Network Specialist
- ✓ Computer Support Specialist
- ✓ Database Administrator
- ✓ Information Technology Analyst
- ✓ Information Technology Leadership
- ✓ Information Security Specialist
- ✓ Software/Application Developer
- ✓ Web Developer
- ✓ Technology sales consultant

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Learning Objectives

- ✓ Gain a comprehensive understanding of the skills needed to work with the Information Design Tool.
- ✓ Extract, define, and manipulate metadata from relational and OLAP sources to create and deploy SAP BusinessObjects universes.
- ✓ Resolve loops using aliases and contexts.
- ✓ Managing a Universe using the Data Foundation View and Business Layer View.
- ✓ Use data from different source systems (SAP and non-SAP) with the SAP BusinessObjects BI client tools.

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Course Outline

✓ Day 01

Basic SAP Business Objects Universe Design

- ✓ Describing Universes
- ✓ Defining the Components of a Universe

Data Connections

- ✓ Defining connections

Data Foundations

- ✓ Creating Data Foundations
- ✓ Using Joins

Business Layers

- ✓ Accessing Data through the Business Layer
- ✓ Integrating the Business Layer Components
- ✓ Validating Objects
- ✓ Creating Measure Objects
- ✓ Creating Shortcut Joins

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Course Outline

✓ Day 02

Loops In A Data Foundation

- ✓ Resolving Loops with Joined Tables
- ✓ Resolving Loops Using Aliases
- ✓ Resolving Loops Using Contexts
- ✓ Detecting Contexts
- ✓ Editing Contexts
- ✓ Testing Contexts
- ✓ Resolving Recursive Loops

Data Restrictions

- ✓ Defining Data Restrictions
- ✓ Applying Mandatory Data Restrictions
- ✓ Applying Optional Data Restrictions

Lists Of Values (Lov)

- ✓ Providing a List of Values

Parameters

- ✓ Illustrating Runtime Parameters

Object @functions

- ✓ Using Object @functions in Queries
- ✓ Applying the Aggregate Awareness Optimization Method
- ✓ Using Other @ Functions

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Course Outline

✓ Day 03

Navigation Paths

- ✓ Defining Drill Down Navigation Paths

Derived Tables

- ✓ Creating Derived Tables

Key Awareness

- ✓ Defining Numeric Keys

Universe Management With Data Foundation and Business Layer Views

- ✓ Managing a Universe using the Data Foundation View
- ✓ Managing a Universe using the Business Layer View

Universe Optimization

- ✓ Optimizing Universes Using Parameters

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Course Outline

✓ Day 04

Universe Deployment And Security

- ✓ Deploying a Universe
- ✓ Securing a Published Universe
- ✓ Creating Data Security Profiles
- ✓ Creating Business Security Profiles
- ✓ Assigning Security Profiles to Users
- ✓ Identifying the Priority of Security Settings
- ✓ Updating a Published Universe

Sql Clause Processing Problems

- ✓ Determining How the Order of SQL Clauses Affects Data Returned
- ✓ Detecting Ambiguity Caused by SQL Requests Run Against Joined Tables
- ✓ Resolving Ambiguity Caused by SQL Requests Run Against Joined Tables
- ✓ Identifying Fan Traps
- ✓ Resolving Ambiguity Caused by SQL Requests Run Against Joined Tables

Outer Join Problem Resolution

- ✓ Resolving an Ambiguous Outer Join Using @AggregateAware

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Course Outline

✓ Day 05

Universe Creation From Different Data Sources

- ✓ Identifying the Different Data Sources
- ✓ Creating an OLAP Universe
- ✓ Creating a Multi-source Universe

Shared Projects

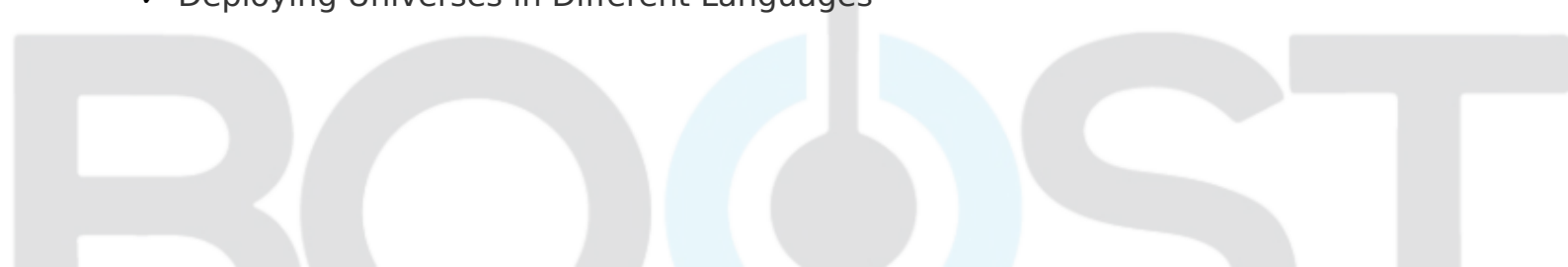
- ✓ Using Shared Projects
- ✓ Manipulating Other Designers' Resources

Universe Conversion

- ✓ Converting Existing .unv Universes

Translation

- ✓ Deploying Universes in Different Languages



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Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
Nov. 16, 2026	Nov. 20, 2026	5 days	4250.00 \$	UAE , Abu Dhabi
Jan. 11, 2027	Jan. 15, 2027	5 days	4250.00 \$	UAE , Dubai
May 23, 2027	May 27, 2027	5 days	4250.00 \$	KSA , Riyadh
July 26, 2027	July 30, 2027	5 days	4950.00 \$	England , London

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