

## Course duration

- 2 days

## Course Benefits

- Learn to understand IDT terminology and features.
- Learn to build complete Universes.
- Learn to design, test, document, and deploy Universes.
- Learn to create Universes, which will meet the reporting needs of business users.

## Course Outline

1. Introduction
  1. Training Objectives
  2. Overview of SAP BI 4.2 Tools
  3. Course Book Overview
  4. Conventions Used In This Book
2. Getting Started with IDT
  1. Starting IDT
  2. Creating a Project
  3. Defining a Database Connection
  4. Creating a New ConnectionOpening an Existing Universe
3. Creating a Data Foundation
  1. Create a Data Foundation
  2. Selecting Tables
  3. Creating Joins
  4. Editing Joins
  5. Cardinality
  6. Test Integrity
  7. Self Joins
  8. Shortcut Joins
  9. Derived Tables
4. Resolving Join Issues
  1. Resolving Join Problems
  2. Solving Loop Issues
  3. Aliases
  4. Contexts
  5. Creating a Context
  6. Chasm Traps
  7. Fan Traps
5. Creating a Business Layer

1. Creating and Editing Objects
2. Hiding Objects
3. Object Properties
4. Creating and Editing Measures
5. Formatting Objects
6. Creating Custom Objects
7. Creating Detail Objects
8. Prompt Objects
9. Creating Time Objects
10. Creating Condition Objects
11. Creating Objects from Database Functions
12. List of Values and Cascading Prompts
13. Customized LOV
14. Customizing an LOV from a File
15. Cascading Prompts
6. List of Values and Cascading Prompts
  1. Customized LOV
  2. Customizing an LOV from a File
  3. Cascading Prompts
  4. Creating Parameters
7. Performance Tuning
  1. Aggregate Awareness
  2. Setting Up Aggregate Awareness
  3. Index awareness
  4. Using Hierarchies
  5. Time Hierarchies
  6. Building Default Hierarchies
8. Testing and Deploying the Universe
  1. Testing the Universe
  2. Refreshing the Universe Structure
  3. Access Restrictions
  4. Deploying the Universe
  5. Documenting a Universe
9. Testing and Deploying the Universe
  1. Securing a Published Universe
  2. Using Data Security Profiles
  3. Using Business Security Profiles
  4. Identifying the Priority of Security Settings

## Class Materials

Each student will receive a comprehensive set of materials, including course notes and all the class examples.

## Class Prerequisites

Experience in the following *is required* for this Business Objects class:

- Working knowledge of Web Intelligence.

Experience in the following *would be useful* for this Business Objects class:

- No prior IDT experience is required.
- Familiarity with database design and SQL is very helpful.