



Over 30,000 users trained by experienced SAP® BusinessObjects™ consultants.

"I appreciate the fact that we were able to easily deviate from the book when possible to cover more interesting & advanced topics. [Instructor] is very knowledgeable and honest about BO XI capabilities. Thanks."
- **John F, FedEx**

"[Instructor] is very knowledgeable in this subject and is able to communicate information in an easy, understandable manner. I look forward to doing the advanced class..."
- **Kimberley G, Rogers Wireless**

"This instructor gets a 10 out of 10. He is brilliant and has the expertise and teaching methodology that makes this type of course fun and educational. Highly recommend for future courses!!! OUTSTANDING!!!!!!!!!!!!!!"
- **Attendee, Burger King Corporation**

Course Description

This course is designed to provide the skills needed to implement Data Integration using ETL (Extract, Transform, Load) techniques with SAP Business Objects Data Services (Data Integrator). The course provides extensive hands on experience with several ETL transformations available within SAP Business Objects Data Services to prepare you for your data integration projects.

Audience

This course is targeted for technical users that have a basic knowledge of Data Warehousing and ETL concepts.

Objectives

After completing this course, students will be able to understand the ETL capabilities of SAP Business Objects Services. The course covers several ETL transforms such as Query, Map, Case, Validation, Merge, SQL, Pivot and more. Students will also learn how to debug their ETL, how to handle errors, manage various data sources, capture changes in data and do text processing. The course provides extensive hands on workshops in order to reinforce topics taught.

Duration - 3 Days

Version - 4.x

Prerequisites

Basic knowledge of ETL processes is required. Also, working knowledge of databases and SQL is required.



Trainers who are experienced consultants...Bring real-world expertise to your users.

Topics Covered

Overview

- What is Data Services
- Understanding the Data Services Architecture

Defining Source and Target Metadata

- Defining Datastores
- Defining System Configurations
- Handling Flat Files

Creating Batch Jobs

- Creating Batch Jobs
- Creating Data Flows
- Creating Workflows

Using Functions, Scripts & Variables

- Using Built-In Functions
- Using Variables
- Using Parameters
- Using Scripts

Troubleshooting

- Setting and Using Traces
- Using the Debugger
- Using Auditing

Platform Transforms

- Map Operation Transform
- Validation Transform
- Merge Transform
- Case Transform
- SQL Transform

Capturing Data Capture (CDC)

- Source Based CDC
- Target Based CDC

Error Handling

- Using Error Handling

Text Processing

- Using the Entity Extraction Transform

Data Integrator Platform Transforms

- Using the Pivot Transform
- Data Transfer Transform

SAP Business Objects Data Services Transforms



For More Information



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