

BODS30

Data Services - Data Quality Management

SAP BusinessObjects - Data Services

Course Outline

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Course Overview

SAP BusinessObjects Data Quality enables you to parse, cleanse, standardize, consolidate, and enhance records. In this two-day course, you will learn about cleansing address and firm data, and match and consolidate records.

As a business benefit, by being able to create efficient data quality projects, you can use the transformed data to help improve operational and supply chain efficiencies, enhance customer relationships, create new revenue opportunities, and optimize return on investment from enterprise applications.

Target Audience

This course is intended for the following audiences:

- Consultants and project team members responsible for implementing data quality projects
- Customer users responsible for administering and managing data quality projects

Course Prerequisites

Required Knowledge

- Thorough knowledge of ETL (Extraction, Transformation and Loading) data processes
- Thorough knowledge of defining source and target metadata in the SAP BusinessObjects Designer
- Thorough knowledge of creating batch jobs
- Thorough knowledge of using functions, scripts, and variables
- Thorough knowledge of using Data Integrator Platform transforms

Course Goals

This course will prepare the participant to:

- Use Data Quality transforms to parse, standardize, cleanse, enhance and match records
- Consolidate matching records to form a best record

Course Objectives

After completing this course, the participant will be able to:

- Complete an Address Cleanse transform
- Work with global address data
- Complete a Data Cleanse transform
- Set up matching using the Match Wizard
- Consolidate matching records to form a best record

Unit 1

Describing Data Services

Unit Overview

Lesson introduction

Data Services is a graphical interface for creating and staging jobs for data integration and data quality purposes

After completing this lesson, you will be able to:

- Describe the purpose of Data Services
- Describe Data Services architecture
- Define Data Services objects
- Use the Data Services Designer interface

Lesson: Defining Data Services

Lesson Objectives

After completing this lesson, the participant will be able to:

- Define Data Services objects
- Use the Data Services Designer interface

Unit 2

Using Data Quality Transforms

Unit Overview

Data Quality transforms are used to parse, standardize, cleanse, enhance, match, and consolidate your records.

After completing this lesson, you will be able to:

- Describe Data Quality transforms

Lesson: Data Quality Transforms

Lesson Objectives

After completing this lesson, the participant will be able to:

- Define Data Quality processes
- Use Data Quality transforms
- Configure Data Quality transforms

Unit 3

Using Address Cleanse Transforms

Unit Overview

This lesson describes the address cleansing capabilities of Data Services. After completing this lesson, you will be able to:

- Describe the Address Cleanse transforms

Lesson: Using the Address Cleanse Transforms

Lesson Objectives

After completing this lesson, the participant will be able to:

- Prepare your input data for Address Cleanse transforms
- Use the Address Cleanse transforms
- Work with global address data
- Work with transactional address data

Unit 4

Using Data Cleanse Transforms

Unit Overview

This lesson describes the data cleansing capabilities of Data Services. After completing this lesson, you will be able to:

- Describe the Data Cleanse transforms
- Describe the Universal Data Cleanse transform

Lesson: Using the Data Cleanse Transform

Lesson Objectives

After completing this lesson, the participant will be able to:

- Complete a Data Cleanse transform

Unit 5

Matching and Consolidating Data

Unit Overview

This lesson describes the matching capabilities of Data Services. After completing this lesson, you will be able to:

- Understand match concepts
- Perform post-match processing
- Tailor the match process to your data

Lesson: Using the Match Wizard

Lesson Objectives

After completing this lesson, the participant will be able to:

- Create a match strategy
- Define match components
- Set up matching using the Match Wizard
- Complete a simple match for full names on the Beta Businesses USA_Customers table

Lesson: Configuring the Match Transform

Lesson Objectives

After completing this lesson, the participant will be able to:

- Control record comparisons
- Use match levels
- Define match criteria
- Use blank field options
- Use match criteria options
- Modify match criteria using the Match Editor

Lesson: Performing Post-Match Processing

Lesson Objectives

After completing this lesson, the participant will be able to:

- Perform post-match processing

- Set priorities
- Configure the group prioritization operation
- Set up for match reports

Lesson: Consolidating Matching Records

Lesson Objectives

After completing this lesson, the participant will be able to:

- Consolidate matching records to form a best record
- Configure the best record operation
- Generate a unique identification number

Lesson: Using Advanced Match Strategies

Lesson Objectives

After completing this lesson, the participant will be able to:

- Use consumer and consumer householding
- Use associative matching