Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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InfoSphere MDM Physical Module Algorithms V11 - SPVC

CODE:	LENGTH:	PRICE:
2Z981G	16 Hours	$875.00

Description

Do you want to find duplicates and perfect a search algorithm for your InfoSphere MDM Physical implementation? Then this course is designed for you. The InfoSphere MDM V11 Physical Module Algorithms course prepares you to work with and customize the algorithm configurations deployed to the InfoSphere MDM Probabilistic Matching Engine (PME) for the Physical MDM implementation.
If you are enrolling in a Self Paced Virtual Classroom or Web Based Training course, before you enroll, please review the **Self-Paced Virtual Classes and Web-Based Training Classes** on our Terms and Conditions page, as well as the system requirements, to ensure that your system meets the minimum requirements for this course.
http://www.ibm.com/training/terms

Objectives

- Understand how Duplicate Suspect Processing and Search (using PME) work for Physical Implementations of InfoSphere MDM
- Understand the MDM configuration project and database tables used by the PME
- Understand the PME Algorithms (Standardization, Bucketing and Comparison steps) and how to create and customize the algorithms using the workbench
- Understand how to analyze the Bucketing steps in an algorithm
- Understand how to generate weights for a given algorithm and how those weights are generated based on a sample database set.
- Understand how to analyze the weights that are generated using the workbench
- Understand how to deploy the PME configuration for a Physical implementation of InfoSphere MDM.
- Understand the integration between the Physical module and the PME

Audience

This advanced course is for Business and Technical Specialist working with Suspect Duplicate Processing and Search services of InfoSphere MDM.

Prerequisites

If you are new to MDM, you should take the follwowing courses:

- Introduction to InfoSphere Master Data Management V11.3 - WBT (1Z801G)

If you have experience with InfoSphere MDM, you do not need to take course 1Z801G.

Programme

PME and Physical Overview

- Physical MDM Overview
- Terminology (Entity, Critical Data, Business Object)
- PME and Physical MDM (Algorithms, Weights, Comparison Scores, Thresholds)
- Physical MDM Suspect Duplicate Processing
- Physical MDM Probabilistic Search

- Exercise: Testing the default Physical PME algorithm

Physical PME Data Model and Mapping

- Default Physical BObjs and mapping to PME
- Virtual Party Template
- Default Party Configuration project
- Exercise: Loading default Physical PME Configuration project

Physical MDM Algorithms

- Standardization
- Bucketing
- Comparison Functions
- Exercise: Explore and customize the default Physical Algorithm

Bucket Analysis

- Analysis Overview
- Attribute Completeness
- Bucket Analysis
- Exercise: Analyzing our Buckets

Weights

- Weights Overview (Frequency-based weights, Edit Distance weights and Parameterize weights)
- The weight formula
- Running weight generation
- Analyzing weights
- Bulk Cross Match process
- Pair Manager
- Threshold calculations
- Exercise: Generate Weights
- Exercise: Pair Manager and Threshold Calculations
- Exercise: Deploying the Physical MDM PME Configuration

Physical MDM PME Adapters and Converters

- MDM PME Adapter overview
- MDM Outbound and Inbound Converters
- Exercise: Creating a custom converter

Session Dates

On request. Please Contact Us

Additional Information

This training is also available as onsite training. Please contact us to find out more.