InfoSphere MDM Physical Module Algorithms V11 - SPVC

Course#:2Z981G
Duration:2 Days
Price:0.00

Course 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 theSelf-Paced Virtual Classes and Web-Based Training Classeson 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.

Content

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