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InfoSphere MDM Physical Module Algorithms V11
Information

Length: 20.0 Hours
__Ref: ZZ981G □
Delivery method: Classroom
Price: AUD

Overview

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 InfoShere MDM Probabilistic Matching Engine (PME) for the Physical MDM implementation.

Public

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.

Objective

Prior to enrolling, IBM Employees must follow their Division/Department processes to obtain approval to attend this public training class. Failure to follow Division/Department approval processes may result in the IBM Employee being personally responsible for the class charges.

GBS practitioners that use the EViTA system for requesting external training should use that same process for this course. Go to the EViTA site to start this process:
<http://w3.ibm.com/services/gbs/evita/BCSVTEnrl.nsf>

Once you enroll in a GTP class, you will receive a confirmation letter that should show:

- The current GTP list price
- The 20% discounted price is available to IBMers for GTP delivered courses only. This is the price you will be invoiced for the class.

Topics

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