

## Training: IBM InfoSphere MDM Virtual Foundation



### TRAINING GOALS:

This course is designed as the starting point for any technical specialist working with the InfoSphere MDM Virtual module. This course walks you through the major components of the InfoSphere MDM Virtual module, the data model, the matching engine and how customization can be implemented. You will learn how to invoke the InfoSphere MDM interactions and the various configuration and extension points of a service. The course is also used as an intro to various components that make up the MDM Architecture and prepares you to identify how the MDM will fit into their organization and what pieces may be customized to fit their business requirements.

This course has a heavy emphasis on the exercises, where you will deploy a new MDM configuration, invoke interactions, walk through the default matching algorithm, and create a custom handler and composite view.

At the end of this course, it is expected that you will feel comfortable implementing a new Virtual configuration data model, invoking interactions and creating customization to the Virtual MDM.

- Understand the InfoSphereVirtual MDM Architecture and how an interaction on the Virtual MDM are handled
- Understand the Configuration Points of the InfoSphere MDM
- Understand the Tables of the Virtual MDM
- Understand the Configuration Points of the InfoSphere MDM Virtual Hub
- Understand the Common components Virtual MDM

This intermediate course is for technical specialist who will be developing a solution using the InfoSphere MDM Virtual Module.

### CONSPECT:

#### **Unit 1: MDM and the Enterprise**

- MDM Overview and Scenarios
- MDM implementation styles
- Virtual and Physical Modules

#### **Unit 2: Architecture**

- InfoSphere MDM Architecture and Components
- Core Processes

### **Unit 3: MDM Virtual Data Model**

- Metadata
- Member Tables
- Entity Tables
- Relationships
- Audit Tables
- Tasks

### **Unit 4: How InfoSphere MDM services are Invoked**

- Java API and Web Services
- Brokers
- eSOA Toolkit
- REST Interface
- Master Data Extract

### **Unit 5: Linking and Duplicates**

- Probabalistic Matching Engine
- Algorithms
- Weights
- Virtual Module Linking

### **Unit 6: How Services are Configured (Virtual)**

- Event Notifications
- Callout Handlers
- Composite Views

### **Unit 7: Other Components**

- Loggin and Serviceability
- Quality Stage Standardization
- Security
- Hybrid
- Application Toolkit

### **Agenda :**

## Day 1

- Unit 1: MDM and the Enterprise
- Unit 2: Architecture
- Unit 3: MDM Virtual Model

## Day 2

- Unit 4: How InfoSphere MDM services are Invoked
- Unit 5: Linking and Duplicates

## Day 3

- Unit 6: How Services are Configured
- Unit 7: Other Components

## REQUIREMENTS:

There are no prerequisites to this course.

## Difficulty level

