



Multi-Domain



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1 Overview

This Multi-Domain takes participants through the various aspects of the MDM delivery covering Data Modeling, Data Security, Digital Asset Management, UI Configuration, Restful APIs, Entity Graph Processor.

Note that this journey is designed with the Tell Me, Show Me, and Try Me learning format to get the maximum benefits.

2 Objectives

By the end of this journey, you will be able to understand:

- Data modeling concepts
- Data enrichment, search and manage in the platform
- Create a base data model consisting of various entity types, attributes, relationships, and the respective mappings
- Create a variant model, a validation model (constraint model), and nested attributes along with its child attributes
- Setup the permissions at entity and attribute level in the platform
- How to onboard digital assets, workflows applied on digital assets, and link digital assets to SKU in the platform
- Tenant-specific folder structure and customize the UI elements based on the business needs
- API concepts, Query Requests, and Responses of various API services

3 Duration

The course duration is 1309 minutes.

4 Agenda

4.1 Module 1: Data Modeling – 389 minutes

- Data modeling concepts
 - Syndigo domains
 - Data constructs
 - Entity model
 - Match configurations
 - Reference data
 - Platform context

- EARC model and structure
- Base data model
- Taxonomy model
- Reference data model
- Dependent attributes
- Mappings
- Variant model
- Set up context model
- Context model with taxonomy
- Context model with default locale
- Manage Attributes using Context Model Setup
- Create UoM Type and Map to SKU
- Manage UoM

4.2 Module 2: Data Security – 138 minutes

- Authentication and authorization in the platform
- Permissions and authorization model
- How to set up permissions at:
 - Domain level permissions
 - Entity level permissions
 - Attribute level permissions
 - Context level permissions
 - Ownership data permissions
- Hide entity type permissions

4.3 Module 3: Digital Asset Management – 79 minutes

- Understand types of digital assets
- How to onboard digital assets in the platform?
- What are the supported file formats?
- Understand how workflows can be applied to digital assets
- Understand how to search digital assets
- Understand how to manage digital assets
- Understand how to link digital assets and SKU

4.4 Module 4: Data Governance and Business Processes – 355 Minutes

- Introduction to data governance
- Data governance
- Why data governance
- Governance concepts
- Entity manage object
- Business language (RBL)
- Business rules
- Governance model
- Business rule builder
- Self-computation of LWH calculations
- Self-validation of SKU has only one parent
- Locale computation and locale validation
- Context computation and validation
- Computation post process
- Knowledge Based Automation – Computation and Validation Rule-Type
- Concepts of workflow
- Advantages of workflow
- Workflow creation by workflow model
- New SKU introduction workflow
- Product update workflow
- Types of workflows criteria
- Create exit criteria
- Create skip criteria
- Set up activity entry business rule
- Set up activity exit business rule
- Set up resume business rule
- Overview entity graph service
- Auto link SKU to images
- Auto delete image linked to SKU or product
- SKU roll-up to product entity type

4.5 Module 5: Advanced Governance Rule – 105 minutes

- Data governance concepts
- Governance best practices and guidelines
- Advance governance concepts
- Workflow business process

4.6 Module 6: UI Configurations – 129 minutes

- Pre-requisites
- Overview of UI configurations
- Tenant specific folder structure
- Understand OOTB configurations
- Guidelines
- Tenant Code Base – Folder Structure
- Default Coalesce Path
- Configurations at Different Levels
- UI Config Manage
- Business Scenarios

4.7 Module 7: Restful APIs – 114 minutes

- API concepts
- Postman application
- Entity app services
- Entity Configuration and Authorization services
- Create entity query requests and response
- Get entity query request and response
- Entity Graph Services
- Entity Govern Services
- Bulk Entity Services

5 Contact Us

For any additional information on the available catalog, please write to us at the following address university@syndigo.com