Golden Core

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1. Overview

This Golden Core takes participants through the various aspects of the PIM/MDM delivery covering Data Modeling, Data Management, and Data Governance.

Note that this course is designed with a Tell Me and Show Me learning format to cover all the required theoretical concepts at the advanced level and the Try Me and Assessment formats cover the various business use cases.

2. Objectives

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

- Understand Data Modeling concepts.
- Understand Data Enrichment, Search, and Management in the application.
- Understand Data Contextualization concepts, Manage the data in multiple contexts, and Governance concepts.
- Apply the Data Governance rule for each entity and Business Conditions for computation and validation use cases.
- Understand the Workflow to govern the Business Processes and create Workflow using the workflow designer app.

3. Duration

The course duration is 3354 minutes.

4. Agenda

4.1. Module 1: Data Modeling – 1519 Minutes

Data Modeling

- Data Modeling Concepts
    - Data Constructs
    - Entity Model
    - Match Configurations
    - Reference Data Model
    - Application Context
    - EARC Model and Structure
- Base Data Model
- Taxonomy Model
- Reference Data Model
- Dependent Attributes

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- 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

Understand Solution Best Practices

- Syndigo Solution Best Practices - Overview
- PIM Solution – Key Areas

Best Practices of Data Modeling

- Syndigo Data Model Constructs
- Entity Model – Best Practices
- Variant Hierarchy Structure – Best Practices
- Packaging Hierarchy – Best Practices
- Attributes – Best Practices
- Relationships – Best Practices
- Context Model – Best Practices
- Reference Data Model – Best Practices
- Taxonomy Model – Best Practices

4.2. Module 2: Data Management – 150 Minutes

- Data Management & Enrichment Concepts
- Search & Refine Data
- Single Data Management
- Bulk Data Management
- Multi-Language Data Management
- Relationship Management
- Variants Management

4.3. Module 3: Data Governance – 1685 Minutes

Data Governance & Business Processes

- Introduction to Data Governance
- Why Data Governance?
- Governance Concepts
- Entity Manage Object
- Business Language
- Business Rules
- Data Governance Model
- Business Rule Builder

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- Self-computation of LWH calculations
- Self-Validation 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

Workflow

- Concept of workflow
- Advantages of Workflow
- Create and Map workflow using-
- Workflow Model
- Workflow Designer
- Types of Workflows
- Create Exit Criteria
- Create Skip Criteria
- Activity Entry
- Activity Exit
- Resume

Entity Graph Processor

- Overview of Entity Graph Service
- Auto-link SKU to Images
- Auto-delete Image Linked to SKU or Product
- SKU Roll-up to Product Entity

Advanced Governance Rules

- Populate the Ownership Attribute
- Create Item from Staging Item
- Item Enrichment on Buyer approval
- Send Entity for Graph on Approve
- Extend to Country Context
- Populate Tags
- Calculate Shipping Weight
- Auto Populate Substitute Relationship
- Debug Validation Errors in Business Conditions
- Debug Syntax Errors
- Debug Graph Processing Errors

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Best Practices of Data Governance

- Business Rules/Conditions Naming Convention
- Business Rule Writing Guidelines
- Business Rule Troubleshooting
- Graph Processor Use Cases
- Best Practices and Recommendations
- Roll-up & Roll-down Use Cases
- Product Behavior and Boundaries

5. Contact Us

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

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