



Informatica Data Quality Foundation for Developers version 10.2

Course ID#: 0835-403-10.2-W

Hours: 21

Course Content

Course Description:

IDQ Foundation Bootcamp for Developer is an elementary course that provides a high level overview of the Informatica Data Quality Developer Desktop to the students and provides them with the sufficient knowledge of all Data Quality functionalities.

Informatica Developer is a thick client tool that enables developers to profile data, interact and apply all business rules provided by the business analyst. The Developer creates these rules through mappings to be used in processes such as standardization, matching, address validation, identifying duplicates and consolidation.

Target Audience:

ETL Developers with no Informatica Analyst/Developer experience.

Prerequisites:

N/A

Topics:

Module 1: Data Quality Overview

Module 2: Developer Tool: Physical & Logical Data Objects

- Overview
- Create a Physical Data Object
- Relational
- Customized
- Flat File
- Create a Logical Data Object

Exercise #1: Creating Connections & Import Data source

Module 3: Data Profiling with Developer

- Profiling
- Creating Profiling Rules
- Creating and running scorecards

Exercise #2: Column Profiling in Developer

Module 4: Developing Data Quality Projects

- Overview
- Objects

Module 5: Working with Mappings

- Mappings
- Sources
- Targets
- Linking and Running



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Module 6: Working with Transformations

- Transformations
- Ports
- Expressions
- Testing

Module 7: Data Integration Transformation

Part 1

- Expression
- Filter
- Aggregator
- Sorter

Module 8: Data Integration Transformation

Part 2

- Joiner
- Lookup
- Router
- Union

Module 9: Working with Mapplets & Rules:

- Overview
- Creating
- Mapplet Rules

Module 10: Using Reference Data:

- Overview
- User Reference Table
- Content sets

Module 11: Data Standardization:

- Cleanse and standardize the data set using Standardization transformation:
- Case Converter
- Merger
- Labeler
- Standardizer

Exercise #3: Data Standardization

Module 12: Data Parsing:

- Parser the data set using one of the following methods:
- Token Parser
- Pattern Parser
- NER/Probabilistic Model
- Decision

Exercise #4: Parsing using NLP or Pattern Based Parsing

Module 13: Address Validation

- Overview
- Reference Data
- Work with Address Validation mappings

Module 14: Data Matching

- Introducing Matching Concepts
- Data Grouping
- Matching Analysis
- Matching Transformation

Exercise #5: Apply Matching Techniques - Classic Matching

Module 15: Identity Match Option

- IMO vs Classic Matching
- Overview
- IMO configuration

Exercise #6: Apply Matching Techniques - Identity Matching

Module 16: Automatic Consolidation

- Consolidation transformation
- Automatically consolidate matched records

Exercise #7: Multi Criteria Matching, Association and Consolidation



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Module 17: Working with Workflows:

- Build a workflow that handle Exception and duplicate records.
- Human Task
- Other Tasks
- Deployment

Exercise #8: Informatica Data Quality Workflow Using Human Task

Module 18: Analyst for the Exception records:

- Update and modify the exception/duplicate records through the Analyst tool.

Module19: Other Transformations:

- Comparison
- Weighted Average

Module 20:Power Center Integration:

- Exporting to PC
- Importing from PC

Module 21: Accelerators

- What are the benefits from the Accelerator?
- Populations provided by the Accelerator.
- Prebuild Mapplet for validation and standardization.