

Data Discovery and Advanced Profiling 10

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Course Overview

Discover the content and structure of data through topics such as Data Domain Discovery and Enterprise Discovery Profiling including; Join Analysis, Functional Dependency Profiling, Primary Key Inference, Overlap Discovery and Foreign Key Profiling. This course is applicable to software version 10.

Objectives

After successfully completing this course, students should be able to:

- Apply Data Domain Discovery to profiles in the Analyst Tool
- Build and execute an Enterprise Discovery Profile in the Analyst Tool
- Define the different types of Profiling that are available in the Developer Tool
- Create and execute Enterprise Discovery Profiles in the Developer Tool
- Perform Data Domain Discovery and Join Analysis Profiling
- Perform Functional Dependency and Primary Key Inference
- Perform Overlap Discovery and Foreign Key Profiling
- Update the model with Primary and Foreign Key relationships
- Generate DDL from the updated model

Target Audience

- Data Analyst
- Data Steward
- Developer

Prerequisites

- Informatica Analyst 10

Agenda

Module 1: Analyst Tool: Data Domain Discovery and Enterprise Discovery Profiling

- Data Domain Profiling
- Inferring/identifying sensitive data
- Building and executing an Enterprise Discovery Profile
- Lab: Update a Profile to perform Data Domain Discovery
- Lab: Create, execute and review an Enterprise Discovery Profile

Module 2: Developer Tool: Advanced Profiling

- Varieties of Profiling
- Column and Enterprise Discovery Profiles
- Navigating an Enterprise Discovery Profile
- Inference Options
- Join Analysis Profiling
- Lab: Create and navigate an Enterprise Discovery Profile
- Lab: Perform Join Analysis Profiling

Module 3: Developer Tool: Functional Dependency and Primary Key Inference

- Object content and structure
- Primary Keys
- Functional Dependencies
- Sensitive Data across all objects in the model
- Lab: Import and Profile a new set of data
- Lab: Perform Functional Dependency and Primary Key Inference

Module 4: Developer Tool: Overlap Discovery and Foreign Key Profiling

- Overlap Discovery between objects
- Primary Key – Foreign Key relationships across objects
- Verifying and Approving relationships
- Generating DDL to create a new schema
- Lab: Overlap Discovery
- Lab: Primary Key – Foreign Key relationships

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QUESTIONS?

Instructor Led | Data Quality | 1 Day