

CA Test Data Manager 4.4: Foundations 200



PRODUCT RELEASE

CA Test Data Manager 4.4

COURSE TYPE, LENGTH & CODE

- Instructor-led Training (ILT)
- 5 Days
- 88TDM20361

PREREQUISITES

- General testing background
- Knowledge of database structures and SQL code

WHO SHOULD ATTEND

- Quality Assurance / Testing Manager
- Test Data Engineer
- Quality Assurance Engineer / Tester
- Compliance Officer
- Business Analyst
- Anyone responsible for provisioning test data

Course Overview

This course provides students with concepts and hands-on experience around using the main functions of CA Test Data Manager. Students will gain an understanding of the basic tools used to manage, transform, and generate test data for software development and testing. Instruction introduces students to the user interface with guidance through the initial startup workspace and tools, followed by more detailed experience with the core product functions.

What You Will Learn

- How to build an initial test data model combined from separate data sources using the CA Test Data Manager Data Registration tool (Datamaker) and TDM Portal
- How to visualize data coverage and fill in gaps
- How to build specific masking routines for identified (Personally Identifiable Information (PII) data
- How to create and edit data generators, work with variables, and publish data
- How to find and reserve data using TDM Portal

For Managers

CA Test Data Manager is a complete end-to-end test data management solution that enables developers, testers, and quality assurance teams to work in parallel with more reliable, desensitized test data for optimal test case coverage.

This course will benefit all members of an application delivery organization who create and deploy test cases for virtual or live services.

RECOMMENDED NEXT COURSES

- None

Course Agenda

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| <p>Section 1: CA Test Data Manager Overview</p> <ul style="list-style-type: none"> ▪ Identify the role of each primary function inside the CA Test Data Manager application ▪ Open a CA Test Data Manager workspace by establishing a connection between source and target databases ▪ Provide a primer on product tools, like, masking, subset, and data generation ▪ Create a project and version ▪ Register source data to a project | <p>Section 2: Data Discovery</p> <ul style="list-style-type: none"> ▪ Describe the importance and benefits of data sampling and analysis ▪ Build an initial test data model combined from separate data sources ▪ Manage specific groups of data using object tags and subsetting tools ▪ Investigate, manage and refine data relationships inside a test data project ▪ Analyze data patterns, attributes and content through sampling and filtering functions |
| <p>Section 3: Data Provisioning</p> <ul style="list-style-type: none"> ▪ Describe data provisioning ▪ Visualize the data estate ▪ Visualize data values ▪ Prepare for database subsetting ▪ Design the subset schema ▪ Generate subset scripts ▪ Clone data ▪ Manage project versions | <p>Section 4: Data Transformation</p> <ul style="list-style-type: none"> ▪ Describe data transformation ▪ Describe mask architecture and components ▪ Create data transformation maps ▪ Mask data with Fast Data Maker ▪ Review Audit and Runtime reports ▪ Mask other file types ▪ Perform data subsetting with masking |
| <p>Section 5: Data Generation</p> <ul style="list-style-type: none"> ▪ Describe data generation ▪ Create a data generator in TDM Portal ▪ Prepare a data generation rule ▪ Build data generation rules ▪ Publish data ▪ Generate non-relational data | <p>Section 6: Tester Self Service</p> <ul style="list-style-type: none"> ▪ Describe Tester Self Service ▪ Reserve data with dynamic reservation forms ▪ Create a form-based reservation with a Test Mart ▪ Create a form-based reservation using Generator |



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