

# CA PA - CA Test Data Manager 4.4: Data Generation 200

## SUPPORTED PRODUCT RELEASE(S)

CA Test Data Manager  
Release 4.4

## CONTENT DURATION & CODE

- 4 hours
- 88TDM20534

## PREREQUISITE(S)

- General testing background
- Knowledge of database structures and SQL code
- How to discover data using CA Test Data Manager

## INTENDED AUDIENCE

- Application Developer
- Application Analyst/Architect
- Quality Assurance Engineer/Tester
- Test Data Engineer

## Overview

This course provides students with conceptual and hands-on instruction on the CA Test Data Manager data generation tools. The course offers a rich set of videos and hands-on exercises.

Students will be taught how to use the Generation functionality in the TDM Portal to create data generation rules. Students will also learn how to create table structures, build custom sets of seed data based on existing data, embed parameters and functions inside other parameters, and build ample complex data for test coverage.

## What Is Covered?

- 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

## Lessons Included

### Module 1: Describe Data Generation

- Describe Data Generation
- Explain the Data Generation process
- Identify Components of the CA Test Data Manager Architecture

### Module 2: Create a Data Generator in TDM Portal

- Create a Data Generator
- Describe Data Generation Rules
- Explain the Purpose of the First Row Display

### Module 3: Prepare a Data Generation Rule

- Describe the Purpose of the Data Painter
- Build a Model Row
- Add Tables
- Build Default Functions

### Module 4: Build Data Generation Rules

- Describe Data Generation Functions
- Explain the Purpose of Seed Data
- Populate Column Values

### Module 5: Publish Data

- Identify Publish Options
- Review Scheduled Jobs

### Module 6: Generate Non-Relational Data

- Register Non-relational Data Sources
- Shred Non-relational Data Sources
- Build a Generator for Non-relational Data Sources
- Publish Files