

# CA PA for CA Test Data Manager 3.x: Data Profiling 200



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## PRODUCT RELEASE

CA Test Data Manager 3.2

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## DURATION & COURSE CODE

- 2 Hours
- 88TDM20094

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## PREREQUISITES

- General testing background
- Knowledge of database structures and SQL code
- CA PA for CA Test Data Manager: Overview 100  
Course Code: 88TDM20064

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## INTENDED AUDIENCE

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

## Content Overview

This course provides students with primary concepts on each function of the application. In this course students will be taught how CA Test Data Manager (CA TDM) collects, manages and profiles source data to provide a structured and centralized approach to test data management. Students will be able to define and customize data relationships based on business requirements and testing needs. Students will also be taught to navigate to CA TDM tools and reports to further understand and refine data for testing. Course instruction is self-paced, and includes hands-on exercises in a simulated CA Test Data Manager environment designed to give students the experience of viewing the product in a realistic scenario.

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## What Is Covered

- The importance and benefits of data profiling
- How to build an initial test data model combined from separate data sources using the CA TDM Data Registration tool
- How to manage specific groups of data using objects tags and subsetting tools
- Investigating, managing and refining data relationships inside a test data project
- How to analyze data patterns, attributes and content through CA TDM sampling and filtering functions

**ADDITIONAL CONTENT RECOMMENDATIONS**

- CA PA for CA Test Data Manager 3.x: Database Subsetting 200  
Course Code 88TDM20084
- CA PA for CA Test Data Manager 3.x: Data Masking 200  
Course Code 88TDM20074
- CA PA for CA Test Data Manager 3.x: Data Generation 200  
Course Code 88TDM20104
- CA PA for CA Test Data Manager 3.x: Test Matching 200  
Course Code 88TDM20114

**Course Agenda**

<b>Module 1: Introduction to Profiling</b>	<b>Module 2: Discovering Metadata</b>
<ul style="list-style-type: none"> <li>▪ Challenges in understanding Data</li> <li>▪ CA TDM Profiling Benefits</li> <li>▪ Profiling Sensitive or Personally Identifiable Information (PII)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Register Source Data Types</li> <li>▪ Define Oracle and Microsoft SQL Server Registration</li> <li>▪ Register .csv files</li> <li>▪ Manage data using object tags</li> </ul>
<b>Module 3: Refining Data Relationships</b>	<b>Module 4: Discovering Data Content</b>
<ul style="list-style-type: none"> <li>▪ View table relationships</li> <li>▪ Build and modify relationships</li> <li>▪ Use CA TDM relationship conditions and cardinality</li> </ul>	<ul style="list-style-type: none"> <li>▪ Sample and profile registered data</li> <li>▪ View analyzed data</li> <li>▪ Use filtering to identify PII</li> </ul>



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