

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



---

## PRODUCT RELEASE

CA Test Data Manager 3.2

---

## DURATION & COURSE CODE

- 2 Hours
- 88TDM20074

---

## PREREQUISITES

- General testing background
- Knowledge of database structures and SQL code
- CA PA for CA Test Data Manager 3.x: Overview 100  
Course Code: 88TDM20064

---

## 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 the primary concepts and applications of the CA Test Data Manager (CA TDM) Masking Tool (Fast Data Masker). In this course students are taught how to mask sensitive data and personally identifiable information (PII) by connecting the tool to both flat files and database management systems. Students will gain an understanding of built-in and customized automated masking functions and how they are used to mask data using realistic, consistent alternative values to maintain referential integrity. Course instruction is self-paced, and includes hands-on exercises in a simulated CA Test Data Manager Masking environment, designed to provide the experience of viewing the product in a realistic scenario.

---

## What Is Covered

- The benefits of data masking using the CA TDM Masking Tool (Fast Data Masker)
- Creation and use of connection profiles for flat files and database systems
- Understanding of the masking function types used in the CA TDM Masking Tool
- How to quickly identify columns of PII in a database table
- Build specific masking routines for each column of PII data identified
- Run masking routines in a simulation mode and verify results
- Update a target database environment by running a masking routine

**ADDITIONAL CONTENT RECOMMENDATIONS**

- CA PA for CA Test Data Manager 3.x: Overview 100  
Course Code 88TDM20064
- CA PA for CA Test Data Manager 3.x: Data Subsetting 200  
Course Code: 88TDM20084
- CA PA for CA Test Data Manager 3.x: Data Profiling 200  
Course Code: 88TDM20094
- 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: Database Masking Overview</b>	<b>Module 2: Creating Connection Profiles</b>
<ul style="list-style-type: none"> <li>▪ Database Masking Introduction</li> <li>▪ Challenges in Masking</li> <li>▪ CA TDM Database Masking Benefits</li> </ul>	<ul style="list-style-type: none"> <li>▪ Create and Saving Connections</li> <li>▪ Connect to Flat Files</li> <li>▪ Connect to Database Systems</li> <li>▪ Connect to XML files</li> <li>▪ Common Commands and references</li> </ul>
<b>Module 3: Building a Masking Map</b>	<b>Module 4: Set Masking Options</b>
<ul style="list-style-type: none"> <li>▪ Identify PII inside a Data Object</li> <li>▪ Understand Types of Masking Functions</li> <li>▪ Mask Specific Columns of Data</li> <li>▪ Use Seed Data From Files and Database Systems</li> <li>▪ Save Masking Routines</li> </ul>	<ul style="list-style-type: none"> <li>▪ Opening, Editing and Saving Masking Routines</li> <li>▪ Set Reporting Options</li> <li>▪ Set Options for Simulated Masking Routines</li> <li>▪ Run Masking Routines in Simulation Mode</li> </ul>
<b>Module 5: Audit Masking Routines for Database Updates</b>	
<ul style="list-style-type: none"> <li>▪ Use an Audit Report to Compare Results</li> <li>▪ Validate Results with Runtime Reports</li> <li>▪ View Database Updates Containing Masked Data</li> </ul>	



Visit [www.ca.com/education](http://www.ca.com/education) to explore the many course offerings, training options, and education solutions available to meet your skill development needs, budget, and travel requirements.