

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



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## PRODUCT RELEASE

CA Test Data Manager 3.2

## Content Overview

This course provides students with primary concepts on each function within the CA Test Data Manager (CA TDM) Test Matching tool. In this course students will be taught how to assign a unique set of data to each test in the perfect state to perform rigorous, efficient test cycles. These matched tests can then be fed directly into automated testing tools, enabling you to perform more robust, stable automated testing. The 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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## DURATION & COURSE CODE

- 2 Hours
- 88TDM20114

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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

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## What Is Covered

- Use CA TDM tools to identify and select data needed for test matching
- Create a view to the objects by building a table using an SQL statement
- Build a Test Mart using an identical structure to our view
- Register the Test Mart inside of the version
- Link the Test Mart to our View
- Create a Test Match data pool
- View the options, settings, and reporting structure for a test match
- Run a preliminary Test Match
- Run two full test matches using different conditions
- View and analyze reports

**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 Masking 200  
Course Code 88TDM20074
- CA PA for Test Data Manager 3.x: Data Generation 200  
Course Code 88TDM20104

**Course Agenda**

<b>Module 1: Course Overview</b>	<b>Module 2: Create a View for Test Mart</b>
<ul style="list-style-type: none"> <li>▪ Challenges in Test Case Coverage</li> <li>▪ CA TDM Test Matching Benefits</li> <li>▪ Managing Data Objects</li> <li>▪ Creating, Truncating, and Dropping Tables</li> <li>▪ SQL Statements used in this Course</li> <li>▪ Process Flow to Prepare Test Match</li> </ul>	<ul style="list-style-type: none"> <li>▪ Use a Test Case to Determine Data Attributes</li> <li>▪ Identify Data Objects Needed for Test Case</li> <li>▪ Determine Data Needed for Test Mart View</li> <li>▪ Use an SQL Statement to Create a View</li> </ul>
<b>Module 3: Build a Test Mart</b>	<b>Module 4: Link Test Mart to View</b>
<ul style="list-style-type: none"> <li>▪ Use SQL Statement to Create Test Mart Table</li> <li>▪ Register the Test Mart</li> </ul>	<ul style="list-style-type: none"> <li>▪ Create Data Pool for Test Mart</li> <li>▪ Use SEQLOV functions for Test Mart</li> <li>▪ Use EXECSQLCOUNT function for Row Count</li> </ul>
<b>Module 5: Use a Test Case to Build Test Criteria</b>	<b>Module 6: Prepare and Run a Test Match</b>
<ul style="list-style-type: none"> <li>▪ Link Test Match with Test Criteria Data Pool</li> <li>▪ Build a Data Pool with Test Case Criteria</li> <li>▪ Set Preferences for Test Case Data Pool</li> </ul>	<ul style="list-style-type: none"> <li>▪ Run a Test Match</li> <li>▪ Analyze Test Match Results</li> <li>▪ Determine Next Steps for Data Provisioning</li> </ul>



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