

Application tools of test data management

1.CA Test Data Manager

CA Test Data Manager is a product by Broadcom. It's a tool meant to provide data for testing purposes in a fast and efficient way. Besides synthetic data creation capabilities, CA Test Data Manager can also improve the quality of production data, filling existing gaps in the data to better serve the needs of the test cases.

The pros of this tool include its compliance and data masking features, the already mentioned synthetic data capabilities, and the ability to create virtual copies of test data, reducing the duration of tests and the volume of test data needed.

When it comes to the cons, the powerful but non-intuitive interface is a common complaint.

Site: <https://www.broadcom.com/products/software/continuous-testing/test-data-manager>

2.DATPROF

Rather than being a single product, DATPROF is a suite of products catering to a different need in the overall TDM process. Among its main pros, we can mention:

- its centralized dashboard where users can manage test data in many environments from a single place
- the security and compliance capabilities
- a self-service portal where [people who perform testing](#) can request the test data they need

- support for a large number of database providers and many available integrations
- free trial available

What about the cons? DATPROF's approach of splitting its features between several offerings while giving the consumer flexibility can become somewhat overwhelming, especially for newcomers.

Site: <https://www.datprof.com/>

3.Delphix

Delphix provides a test data management platform that helps teams populate test environments with realistic and compliant test data. Among its advantages, we can cite its powerful masking capabilities, virtual test data provisioning, and version control for data sets. Delphix also integrates with several tools and data sources. Its interfaces are considered user-friendly and easy to use.

When it comes to the cons, complaints about the pricing are somewhat common since Delphix licenses their platform annually, depending on usage. Additionally, the data creation capabilities aren't considered as strong as other features.

Site: <https://www.delphix.com/solutions/test-data-management>

4.Informatica

Informatica's TDM offering has a focus on data quality and privacy. With strong masking and synthetic data generation capabilities, this tool provides organizations with automatic provisioning of test data to efficiently meet their testing needs. Informatica's pros include its automatic provisioning capabilities, monitoring and reporting features,

and comprehensive masking techniques. The tool also offers free trials, which makes it easier for organizations to evaluate.

Informatica's price range has been cited as a con, besides the need for a friendlier interface.

Site: <https://www.informatica.com/products/data-security/test-data-management.html>

5. Testim

[Testim's offering](#) is an AI-powered tool to help teams author stable end-to-end testing. Even though it's not a TDM tool in the traditional sense, Testim has capabilities that make it a viable option for data-driven testing.

Testim lets you define data sets in various ways: Through its visual editor, through a configuration file, and even from external sources, such as the database or files (CSV, Excel, and so on)