**Test Data Management Tools**

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1. **K2View**

K2View is the leading test data management (TDM) solution for enterprises with complex environments. Testers can quickly provision test data subsets on demand from any number and type of production source while preserving referential integrity. Extensive API-enabled integration into DevOps CI/CD automation pipelines.

Sensitive data (PII) is discovered and masked at rest or in transit. The software also provides synthetic test data generation, versioning, subset reservations, reporting, authentication layer, and more.

1. [**Avo iTDM – Intelligent Test Data Management**](https://avoautomation.ai/itdm/?utm_medium=listing&utm_source=Softwaretestinghelp&utm_campaign=14_test_data_management_tools)

Avo’s intelligent Test Data Management (iTDM) helps you generate reliable and relevant production-like test data with a few clicks. This synthetic data enables teams to fast-forward their entire testing process. The solution automatically identifies and manages PII (data discovery), secures sensitive data for PII compliance (data obfuscation), and offers data provisioning and generation.

It supports open architecture with easily-pluggable custom modules. Built and deployed on open-source technologies and container frameworks, it can handle billions of records on commodity hardware.

With iTDM, you can:

* Speed up application delivery by expediting testing.
* Identify non-compliant data in non-production environments.
* Comply with continuously evolving on-demand and configurable data privacy regulations.
* Generate and provide only relevant data downstream.

### [DATPROF – Test Data Simplified](https://www.datprof.com/?utm_source=softwaretestinghelp&utm_medium=referral&utm_campaign=14_best_tdm)

DATPROF is a top tool that provides, data masking, synthetic test data generation, Test Data Subsetting technologies, and a test data provisioning platform. DATPROF that there is no need for complex tools for test data management. All the customers love the simplicity of our software and the amazing technology that solves the necessary test data issues.

DATPROF also offers self-service portals so teams are able to refresh their own test environments or integrate test data provisioning within your CI/CD pipeline with the API.

### CA Test Data Manager (Datamaker)

### CA Test Data Manager is another top tool that provides highly synthetic data generation solutions. The design of this tool is very flexible to simplify the functionality of the testing. It is a product of CA technologies. It acquires the DataMaker of Grid-tools. It is also called Agile Designer, DataFinder, Fast DataMaker, and DataMaker.

### It provides high-performance data subsetting, data masking, test matching, etc. The tool generates, store, and reuse the test data in the test data repository. According to the need, we can access the data using the on-demand service of the tool.

### Compuware

### Compuware’s Test data tool is another popular testing tool that provides optimized test data mgt. Through this tool, we can easily create test data. The tool provides masking, translating, generating, aging, analyzing, and validating testing data. The new feature of the tool is that it fulfills all the conditions of the mainframe test.

### It supports all standard types of file. With all these features, it provides complete data privacy. This data privacy influences the file and data management solutions of the industry and provides efficient access to test data.

### InfoSphere Optim

### IBM InfoSphere Optim tool has a built-in workflow and on-demand service facilities. This feature helps in continuous testing and agile software development. The tool provides real-time data testing, uses right-sized test databases that optimize, and automate the process of test data mgt.

### The tool speeds up the application development process of the organizations reduces costs and speeds up application delivery. On the demand of developers and testers, it analyses and provides refresh test data to them. All these features give a comprehensive testing solution and reduce the risk that can occur during the testing or training process.

### Delphix

### Delphix Test data tool provides high quality and faster testing. During development, testing, training, or reporting, redundant data is shared across all this process. This sharing of data is called data virtualization or virtual data. The virtual data of the tool provides complete, full size and real data sets in a few minutes that takes very few spaces.

### It also reduces storage costs. The tool improves productivity by providing automatic delivery and configuration of applications and databases. The tool works on public and private cloud infrastructure means provides services and pay per usage of services.