

HCL OneTest Data

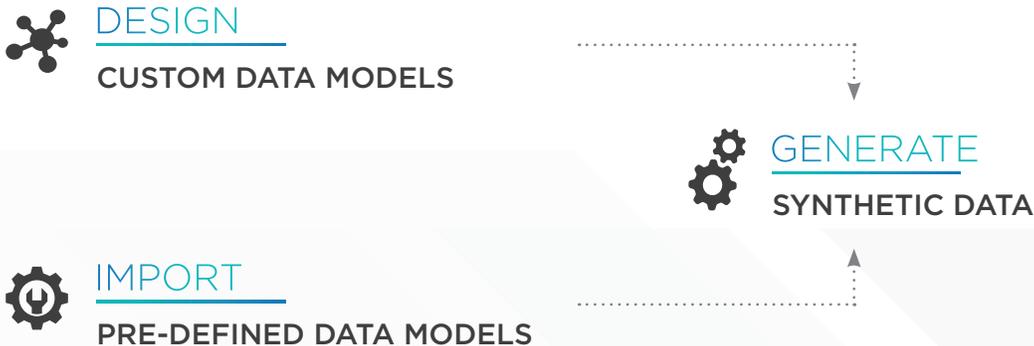
DEVELOPING THE DATA NEEDED FOR TESTING ON DEMAND

Making sure the right data is on hand for testing can be demanding.

A traditional approach replicates existing data from production systems and uses it in test environments. With GDPR and other privacy regulations in effect, this type of testing has become much riskier, especially where personal data is concerned. There are also many occasions where there is not yet a production system, and so no production data to use.

HCL OneTest Data generates mock data for testing environments and generates synthetic data sets without the risk of data leaks or privacy issues, all on demand.

With a powerful built-in API, testers can generate data in a number of different ways including the use of predefined datasets, data generation rules, or with custom data generation scripts for any environment.



Benefits



Reduces Data Privacy Risks
Avoids using real data and violation of data privacy



Provides Comprehensive Test Data
Creates all the volume and diversity of data required to cover any test scenario



Increases Testing Efficiency
Provides predefined data sets and real-time data generation for improved efficiency and accuracy



Avoids Production System Intrusion
Removes the need to extract real and potentially sensitive information

Capabilities



Features an Open Modeling Mechanism
Provides flexible methods to model the data you need including regular expressions, weighting and rules



Powerfully Built-in API
Explores, models, and generates data through REST-based APIs



Flexible Generation File Formats
Produces data in CSV, Excel, JSON, XML, text and binary formats



Easily Seeds Sample Data
Uses Excel or CSV reference files to upload sample data



Invokes Data Generation in the CI/CD Pipeline
Uses HCL UrbanCode Deploy or Jenkins for real-time automated data generation



Publishes Data to Relational Databases
Includes all databases that support JDBC

