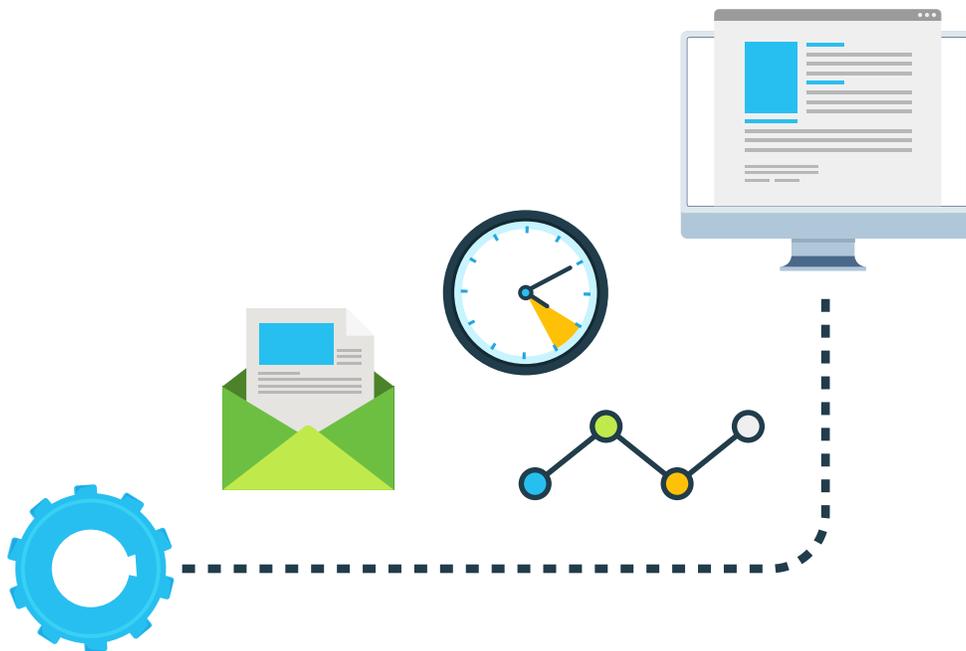# GenRocket

SOLUTION SPOTLIGHT

LOAD AND PERFORMANCE DATA

Testing how a system behaves under varying load conditions in terms of response time, resource usage, stability, and scalability is an important step in the quality assurance process. Load and performance testing is critical to examine the behavior of systems under unusually heavy demand to ensure the usability of applications and the integrity of data. But what if your current test data solution lacks enough data to thoroughly test system performance under extreme conditions?
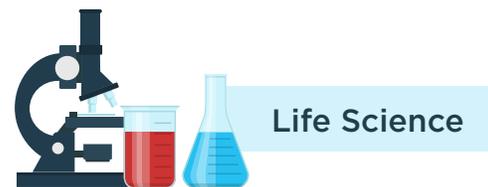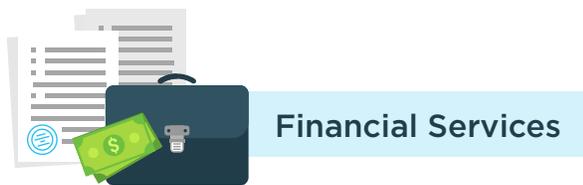

Synthetic Test Data Solution for Load and Performance Data Testing

GenRocket's synthetic test data solution for load and performance testing accurately generates the volume of data needed to thoroughly test load, speed and response time.

- ✔ Easily generates huge volume of accurate data to meet your test specifications
- ✔ Can generate volumes of transactional data that isn't available in production copies
- ✔ Many uses: speed testing, API testing, load testing, performance, peak performance
- ✔ 100% secure synthetic data – no personally identifiable information

GenRocket generates the **data volume**, **data variety**, and **data format** that you need, in a fraction of the time it takes to manually create test data or hunt in a production copy. With GenRocket's Test Data Automation platform, any tester or developer can generate millions to billions of rows of accurate synthetic data on demand. Just design the data you need and generate an unlimited volume of synthetic data in minutes.

A great choice for industries with strict standards of privacy, compliance, and accuracy.

Financial Services

Healthcare

Banking

Life Science

Insurance

Pharmaceuticals

Slow API Identified Thanks to Load and Performance Testing

Skipping the load and performance testing stage can lead to poorly performing software. A major financial institution experienced this when customers complained that their website's load time was too slow. Upon investigation, they discovered the site's load speed was between 3 and 5 seconds. Although that may not seem like a long time, to web users it felt like a very long time indeed, and many abandoned the site before the pages load. The QA team went back to the drawing board to address the issue using GenRocket's synthetic test data solution to help them test response time to identify and solve the problem causing excessive page load time. They were able to shorten the response time from 3 seconds to 100 milliseconds.

Read an Example

Here's how one company used GenRocket Synthetic Test Data for load testing a SOAP workflow.

Learn more about GenRocket's Synthetic Test Data Automation enterprise solution.

REQUEST A DEMO