

DataOps Suite

Software as a Service

Datasheet



Deliver trustworthy data and reports using our comprehensive automated solution be it Cloud Data Migration, Data Reconciliation, BI Testing, Data Quality Monitoring and ETL/ELT testing.

Data Reliability and Accuracy are critical factor for the success of any data-driven project, where data is constantly changing and evolving. However, ensuring data quality can be a challenging and time-consuming task that requires manual effort, technical expertise, and multiple tools. Moreover, data quality testing can be affected by various factors, such as data complexity, volume, variety, and velocity.

BENEFITS



Improve the quality and trustworthiness of your data with a comprehensive and automated data testing platform.



Mask sensitive data automatically and create synthetic data for validation and stress testing.



Automate your quality checks, notifications, and reconciliation systems for any type of streaming or static data.



Validate tabular as well as hierarchical and complex COBOLs, XMLs, and JSONs.



Adapt to changing needs with the flexibility, scalability, and agility of a cloud-native solution.



Monitor and improve your data quality metrics and issues with real-time insights and reports.



Reduce manual effort, technical complexities, and management of multiple tools by condensing to a single comprehensive platform.

Datagaps helps you automate and enhance data quality testing for your Data Migration, ETL, and BI projects.

- A user-friendly and configurable web-based interface that allows you to create, execute, and manage test cases **without coding**.
- A Smart Data Comparison engine that enables you to compare datasets across different sources and targets, such as Flat Files, Databases, Hadoop, and BI Tools.
- A Transformation Validation module to perform White-Box and Black-Box Testing.
- A Data Quality Monitor that allows you to define data rules and check data quality metrics, such as completeness, consistency, accuracy, and timeliness.
- A Test/Synthetic Data Manager that helps you mask sensitive (PII) data and generate synthetic data for testing purposes.
- A comprehensive reporting and dashboarding module that provides insights into your test results, data quality issues, and test coverage.
- An Integration module that helps you connect with various cloud platforms and technologies, such as



talend



& more

KEY FEATURES

Connect and Integrate Seamlessly

- The application can connect to On-Premise and Cloud-Based systems such as Salesforce, Workday, Azure, Snowflake, and AWS. It can also connect to APIs, BI Tools, and interact with flat or hierarchical files. The application support SQL, SOQL, Python, Scala, Bash, and DB Scripts.
- The application can asynchronously connect and interact with existing pipelines, CI/CD tools, Tracking Software, and 3rd party applications such as Jenkins, Azure DevOps, JIRA, Slack, and Collibra.

Intelligence to find anomalies in metrics and profiles

- Machine Learning Modules (user-extendable) for metrics validation.
- Profiling Modules to track aggregates, patterns, and behaviour within datasets (especially useful before AI-ML and Statistical Models).

Plugins for All

- With extendibility as a core principle in the suite, plugins open to the end user, your team can create easy templates to create, manage, connect, extract, and notify any service, application, or complex dataset, which can resolve even the most comprehensive requirements.
- Python and Scala are supported in Plugins with a multitude of parameterization, inputs, output, and vault management options.

Capabilities to verify, standardize and enrich datasets

- Define Data Quality Rules and Testcases once and automatically deploy and execute them over a multitude of datasets and transform from various sources and vendors.
- DQ Score quantifies the quality of data from a record level to the model level for easy monitoring and quick resolution times.

Security

- Adherence with the highest security standards in the cloud, including ISO27001, ISO9001, and GDPR.
- Fine-grained access control with pre-defined roles, groups, and users.
- Industry-approved and commonly used algorithms to encrypt all sensitive information at rest or in motion.

ABOUT DATAGAPS

Datagaps was started in 2010 to build trust in enterprise data and reports. We Provide software for ETL data Automation, Data Synchronization, Data Quality, Data Transformation, Test Data Generation, and BI Test Automation. Datagaps is an innovative company focused on providing the highest customer satisfaction.



Trusted Globally by more than 70 companies for Data Test Automation Solutions



Datagaps has won multiple awards and has patents associated with its ELV architecture.

Our Client base includes



among other players in logistics, holdings, finance, Pharma, and many more industries globally.

KEY BENEFITS

Easy to Use

Based on a zero-code template-based system, the end user can easily define complex rules and definitions, which can be reused across the models and pipeline. Developers and Testers have applauded the application's ease of use and intuitive nature.

Easy to Deploy

The Datagaps' team hosts and manages the infrastructure based on data volume and your inputs, leaving only logging in and getting started for the end user.

Easy to Scale

Extend your solutions and pipelines without worrying about the strain on your DQM systems. Based on a flexible and modular microservice architecture, the application is designed to automatically scale to adapt to varying throughput, volumes, and business needs.

Easy to Automate

The application comes with automation of test case creation, test case execution, report generation, issue tracking, and integration in Wizards. These can be extended by end users as well.

Zero Maintenance

With the Datagaps' Team managing the infrastructure and software, your team is free to focus on implementing your testcases without concerns on scaling, uptime, and upgrades.

Low Cost of Ownership

The subscription-based model is an all-in-one, best-of-breed data quality management solution with capabilities ranging from Data Ingestion Monitoring to BI Report Validation. The template and modular nature of test cases and pipelines with easy integration systems ensure you gain solid returns through better data accuracy, layer-wise checks and validated BI reports.

Mask Sensitive Data

The Synthetic Data Manager automatically identifies PII columns and masks the data while maintaining relations between tables and views.



For further information, Visit www.datagaps.com
or send an email to contact@datagaps.com

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