DataOps Suite
Data Sheet

DATAGAPS THE GREAT DATA COMPANY

Introduction

Datagap's DataOps Suite holds its place as one of the most comprehensive tools for validation and goverance of Data and Pipelines with multiple sucess stories acorss multiple industries and use cases.

End-to-End Validation

Provides a comprehensive solution for validating the entire data lifecycle, ensuring accuracy and consistency from data creation to consumption.

BI Validation

The best solution for BI Validation on all dimensions - Data checks against databases/files, Metadata Validation, Upgrade Validation, Regression Validation, Performance Validation, Security Validation, and Rule-based validation.

Migration Validation

Facilitates robust validation processes during data and ETL migration, crucial for ensuring data integrity when transferring data between systems or migrating to new platforms.

Data Profile and Anomaly Detection

Offers advanced tools for data profiling, helping to identify patterns and detect anomalies, which is essential for maintaining data quality and identifying potential issues early on.

Deploy Data Rules

Supports both user-defined and template-based data rules, allowing for flexible and customizable data governance and compliance enforcement.

Data Quality Monitoring

Implements continuous data quality monitoring, ensuring that the data remains accurate, consistent, and reliable over time.
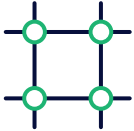
Key Features

Install in your environments
The application can be installed on cloud or on-premise infrastructure.

Seamless Connections
Connects to on-premise and cloud-based systems, APIs, BI Tools, and various file types. Supports SQL, SOQL, Python, Scala, Java, and DB Scripts.

Customizable Test Cases
The suite provides options for customizing automation workflows, catering to specific organizational needs, and enhancing flexibility in data management.

Extensible Plugins and Easy Integration
Supports Python and Scala, allowing for easy creation, management, and deployment of custom features and operations. Also allows for easy integration with CICD tools, Test plans, Notification Channels, and Ticketing Systems.

Automated Reporting and Insights
The system generates automated reports and insights, providing valuable data metrics and quality status updates to stakeholders in a timely manner.

Scalability
The application can easily handle large volumes of data seamlessly, making it easier for organizations to scale their operations without compromising on data quality.

Profiling Modules
Tracks aggregates, patterns, and behaviors within datasets, particularly useful for AI-ML and statistical models.

Security
The application adheres to top security standards like ISO27001, ISO9001, & GDPR.

> **DataOps Suite has greatly improved our confidence in our datasets and transformation logic while reducing the time taken to test and subsequently reducing the time-to-deploy of updates and hotfixes. The Suite's integration options with Snowflake and Azure make test cases and validations very easy to deploy, maintain, and manage.**

— QA Manager *(Asset Management Firm)*

> **Our Data Quality has drastically improved since we started using the DataOps Suite. Considering the small team size we have, being able to assign a single resource for Data Quality management really helped us improve our efficiency.**

— Data Architect *(Ad Optimizing & Marketing Analytics Firm)*

> **We have over 25000 reports within our system that go through regular upgrades and updates. Validating them before Datagaps was a gargantuan task, but with the automation and easy management of the Suite, validating these reports across the multiple dimensions needed can be done at a fraction of the cost and resources.**

— Business Intelligence Manager *(Pharma and HealthCare Firm)*

Key Business Benefits

- Reduces QA resources by **75%**
- Average Data Quality Jump to **95%**
- Overall reduction of TCO by at least **25%**

- Full Data Validation & Complete Pipeline Coverage
- Average of **50%** reduction in Migration Validation time

*Specifications and features are subject to change without prior notice.

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For detailed information, demonstrations, or inquiries, please contact us at contact@datagaps.com