**Self-Service Data Prep for Enterprise AI**
Visually turn raw data into ready information at scale

The most time-consuming part of every analytic or machine learning exercise continues to be in combining, cleaning, and shaping data into actionable information. Legacy approaches to data gathering and preparation don’t satisfy the demand for today’s modern and agile data to insights initiatives. And, relying on various point solutions with no governance or collaboration hampers enterprise wide democratization of AI and analytics. Empowering business analysts and citizen data scientists demands governance and collaboration to democratize data and AI at enterprise scale.

**Clicks. Not Code.**
- Interact with data in a familiar, Excel-like interface.
- Visually profile, blend, transform your data.
- Let smart, machine learning algorithms automatically detect joins, misspellings, and overlaps.

**All Data. Not Just Samples.**
- Prep all your data, using the industry’s only large-scale interactive data preparation solution powered by Apache Spark™.
- Get your data quality right in one iteration.

**Automated Governance.**
- Use the auto-documenting and recording features to create repeatability.
- Gain end-to-end data lineage and traceability.
- Tag, annotate, share, and collaborate using a central catalog.

“Joining the dots across different data sources and extracting value out of data is an important element of the Bank’s strategy as a diverse global bank. DataRobot Data Prep is helping us transform raw data into an insightful information fabric and this can help increase our speed of decision-making.”

Michael Gorriz,
Group Chief Information Officer,
Standard Chartered Bank

**Self-Service Data Preparation for Everyone**
As an integral part of the platform, DataRobot Data Prep enables both novice and expert users to quickly and interactively explore, profile, clean, enrich and shape diverse data into AI assets ready for machine learning model development and deployment.

**Leading Information-Inspired Companies Use DataRobot Data Prep**

HITACHI  Unilog  Polaris
Cetera  Vizient  Nationwide
Cox Automotive  Precision Profile  HealthcareIQ
Key Capabilities

**INTELLIGENT INGEST**
Quickly ingest data from a wide variety of enterprise sources, including complex semi-structured files such as XML or JSON, NoSQL and relational databases, and cloud applications. DataRobot Data Prep intelligently detects your data source types and transforms it into a tabular format for point-and-click interaction and profiling.

**ONE-CLICK PROFILE**
With one click, DataRobot Data Prep profiles your data and generates a scorecard showing data type distribution, field completeness, field length analysis, top/ bottom patterns, leading or trailing string patterns, min/max and range, special character analysis, custom calculations, and more.

**EXPLORE AND COMBINE**
DataRobot Data Prep's interactive, Excel-like interface allows you to search, investigate and discover trends, outliers, and patterns across your entire data set – not just a sample, and validate your data visually for immediate feedback. You can also combine and blend multiple, mixed-type data sources together.

**CLEAN AND SHAPE**
Standardize similar values and misspellings, joins, appends, and overlaps across data sources with smart machine learning recommendations. DataRobot Data Prep self-documents your steps to create repeatability, auditing, and governance.

**AUTOMATE AND SHARE**
Easily export and publish your curated data sets to a broad range of databases, applications, AI platforms like DataRobot or popular BI tools, such as Tableau, Qlik, MicroStrategy, PowerBI, and many others. With one click, you can set your preference to run jobs in batch, at a specified time or on a recurring schedule.

Key Steps for Self-Service Data Prep

Self Service Data Prep solution is powered by DataRobot Data Prep Adaptive Information Platform. With powerful machine learning, an intuitive user experience, and a smart distributed architecture, DataRobot Data Prep Adaptive Information Platform offers business analysts and citizen data scientists the ability to create actionable information in real-time.

Contact Us

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