Datameer®
stay curious

Analytics that **Drive Action**

Datameer is the leading big data preparation and analytics platform for turning complex data into business-ready information. It enables agile, exploratory analytics to find deeper insights in hours instead of months and create rapid, repeatable data pipelines to democratize data across your organization.
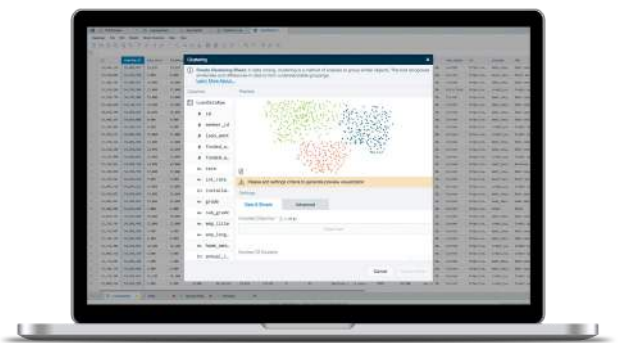
Prepare

Datameer provides all the critical features you need to build a robust data pipeline. Users can ingest, blend, prepare and curate complex big data so downstream analyst teams can access the critical data they need for agile analytics. With 70 connectors to enterprise data sources, automated format reading and mapping, and advanced data management features, Datameer has the scale and smarts to ingest large volumes of big data.

Data preparation in Datameer goes far beyond simple cleansing with advanced, point-and-click blending, shaping and organization functions, making data curation fast and easy. Sharing capabilities combine with advanced governance for a perfect blend of collaboration and security.

Analyze

Analyzing big data requires data discovery to reveal hidden, often not obvious answers. Datameer's data-centric, spreadsheet style interface provides the perfect, analyst-friendly environment to explore your data and find answers.

An integrated analytic workflow enables rapid data discovery, speeding time to insight versus using multiple, disjointed specialist tools. Schema-on-read capabilities enable dynamic modeling, freeing analysts from restrictive fixed schemas.

Datameer enables deeper, diagnostic analysis of your data through path, graph, behavior and text analytics. Smart Analytics™ enables instantaneous, drag-and-drop application of advanced algorithms to discover data dependencies, clusters and decision trees.

Datameer works with your existing BI infrastructure, integrating results with your favorite BI tools to democratize access to data.

Act

To provide value to the business, insights with fresh results need to be delivered to business teams regularly. Datameer provides critical operationalization features needed to ensure stakeholders can act upon big data insights.

> " Datameer reduced our analytic cycles from 6 weeks to 2 hours. "
>
> AUTODESK

Datameer Smart Execution™ drives fast, scalable execution of analytic pipelines over the largest volumes of data while hiding the underlying complexity of Hadoop. Robust job scheduling and monitoring features ensure pipelines are executed regularly and efficiently.

Advanced governance offers fine-grained security with plug-in integration to enterprise access control in LDAP, Active Directory and Kerberos. Built-in encryption and masking further secures data, while data retention policies optimizes data storage.

Deploy as You Like

On-premise, cloud or hybrid, Datameer fits the bill. Deploy Datameer onsite, in your favorite cloud environment, or combined. Datameer's unique native-on-Hadoop architecture gives you the power of Hadoop while abstracting away the complexity, eliminating the need for complex programming and maintenance.

Feature List

Data Integration

- 70 data source connectors
- Wizard-led ingestion
- Data partitioning
- Integrated transformations
- Data validation handling
- Automated data type recognition
- Smart Sampling

Data Preparation

- Visual data profiling (Flipside™)
- Cleansing functions
- Advanced transformation
- Wizard-led joins and blending
- Time- and event-based organization
- Custom binning
- Standard and custom grouping

Analytics

- 270 analytic functions to shape and explore data
- Expression language for custom formulas
- Path and graph analytics
- Behavior analytics
- Text and sentiment analytics
- Smart Analytics for algorithmic discovery
- Plug-in custom analytic functions

Visualization

- Drag-and-drop visualization
- Rich infographics
- HTML5-based supporting responsive design
- Consumable on any device
- Easy annotation and customization
- Sharing and access control
- Embeddable in apps/web
- Storybook capabilities

Operationalization

- Intelligent execution engine (Smart Execution™)
- Hadoop integration
- Export Connectors
- BI connectors for Tableau and Power BI
- REST API for easy integration

Governance & Security

- Fine-grained, role-based security and access control
- LDAP and Active Directory integration
- Kerberos integration
- Sentry integration
- Encryption and Masking