Datameer

Datameer for Microsoft Azure

Datameer helps organizations get faster time to insight and gain maximum value from their data through scalable, secure and well-governed data preparation and exploration to feed any analytics initiative. On Microsoft Azure, Datameer brings the industry's most powerful and analyst-friendly data preparation and exploration platform to this leading cloud computing platform to streamline the flow of data for analytics and deliver seamless, scalable and secure execution via deep integration with Azure services.

Datameer is an agile self-service platform for data preparation and exploration at-scale for any analytics to deliver faster, smarter insights. Datameer's self-service, unified platform for preparing, exploring & managing your data for analytics simplifies and accelerates the time-consuming process of turning complex, multi-source data into valuable business-ready information.

Many organizations have moved their data lakes and analytics to the cloud, taking advantage of limitless data storage and compute resources from suppliers like Microsoft Azure. Datameer helps organizations create an agile, hybrid data architecture in the cloud to accelerate the flow of analytic-ready information for faster delivery of insights and the ability to deliver new, innovative analytics.

Simplify Your Architecture
Beyond easy access to on-demand powerful compute and storage resources, the cloud also offers a wide array of specialized tools to build a data architecture in the cloud. But this myriad of focused tools can complicate a data architecture for analytics, requiring integration and complex programming.

Datameer simplifies your cloud analytics data architecture by utilizing and extending the Azure platform and tools to provide a higher level approach to creating and managing curated da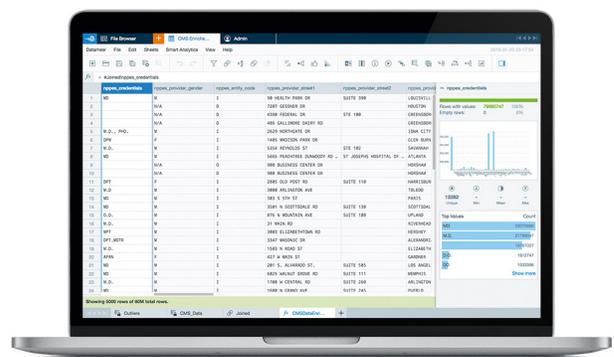tasets that feed your cloud analytics. Datameer's self-service, no-coding approach enables business analysts to easily integrate, transform and enrich

disparate datasets and publish curated, analytics-ready result sets for faster insights and more innovative analytics.

Agile Self-Service Workflow
Datameer's unique combination of easy self-service data preparation and unconstrained data exploration creates an agile iterative data preparation process that facilitates unmatched speed to insight. Analysts can quickly iterate through exploration and preparation of the data to transform and refine the data to create their own customized analytic datasets unique to their needs.

The intuitive self-service tools offer an easy to use spreadsheet-style interface with over 270 powerful functions, rapid data modeling and visual data profiling. The unconstrained visual exploration allows analysts to interactively explore datasets billions of records long, hundreds of attributes wide and millions of unique values deep to find patterns and aspects of the data unique to their analysis.

Industry-leading Platform Features

Datameer offers the deepest set of capabilities to facilitate the delivery of rich data across your entire enterprise and drive faster analytics initiatives. This includes:

- A complete data orchestration workflow that covers the full data lifecycle including ingestion, preparation, curation, exploration and consumption, and works with ANY data source, in ANY location (on-premise, cloud or hybrid).

- Enterprise-grade scalability that allow analysts to prepare and explore even the largest datasets, and integrated operationalization features to continuously run data workflows that provide a constant feed of fresh data.

- Strong security and deep governance features create an industrial- grade platform that ensures data privacy and proper data use which is trusted by some of the largest organizations with stringent regulatory requirements.

Hybrid Architecture

Datameer enables you to create a seamless hybrid data architecture that spans your cloud-based and on-premises data and resources. This enables the smartest deployment of analytic data pipelines close to where your data resides and eliminates excess movement of data. Span the cloud and on-premise operations with a single platform that provides a seamless data architecture for your organization.
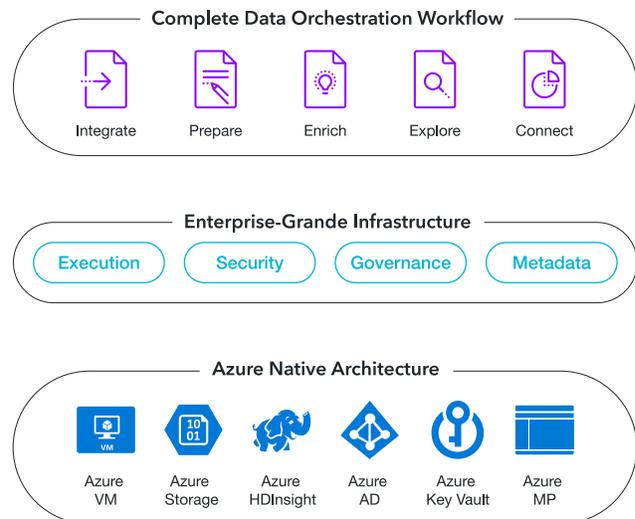
Integrated with Microsoft Azure

Datameer for Azure leverages Azure compute, storage and software services to provide the utmost scalability and an integrated experience. It integrates with and leverages the scalable HDInsight services and Azure Blob Storage and works with downstream data sources and upstream analytic tools on Azure.

The Datameer on Azure architecture decouples compute from storage using Azure Blob Storage for data storage and scalable HDInsight clusters for compute resources. This provides independent scaling of these resources to meet the needs of large, performant data flows, and the ability to elastically adjust the size of the compute clusters as needed.

Datameer also integrates with downstream data sources such as Azure Data Lake, Azure SQL Data Warehouse, Azure SQL Database and on-premise sources, and can publish result sets to upstream analytic platforms such as PowerBI, Azure SQL Warehouse, and Azure Analysis Services to create a seamless from of analytics-ready data to feed your analytics initiatives.

Complete Data Orchestration Workflow

Integrate   Prepare   Enrich   Explore   Connect

Enterprise-Grande Infrastructure

Execution   Security   Governance   Metadata

Azure Native Architecture

Azure VM   Azure Storage   Azure HDInsight   Azure AD   Azure Key Vault   Azure MP

About Datameer

Datameer is changing the way companies do business by enabling them to get faster insights and more value from their data to generate more trustworthy decisions that lead to better business outcomes. Leading global organizations such as Citibank, RBC, Optum, Aetna, Anthem, National Instruments, and Vivint use our secure and scalable enterprise-grade platform to streamline and simplify data preparation, integration, exploration and consumption so subject matter experts can leverage trusted data to cultivate innovation and efficiency for competitive advantage. Learn more at **www.datameer.com**.