Datameer for Amazon Web Services

Datameer for Amazon Web Services (AWS) brings the industry's most powerful, flexible and analyst-friendly analytic data management platform to the world's leading cloud computing platform. Using Datameer on AWS, you can streamline the flow of data for analytics with a simpler, more agile cloud data architecture that integrates with critical AWS services for seamless, scalable and secure execution.

Datameer helps organizations gain the maximum value from their data by creating and executing secure, scalable and accessible business data pipelines that connect users to the data they need when they need it. Datameer offers a complete platform that simplifies and accelerates the time-consuming, cumbersome 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 AWS. Datameer helps organizations create an agile, hybrid data architecture in the cloud to build and manage analytic data pipelines 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 the creation of a unified data architecture for analytics, requiring integration and complex programming to piece together the solution.

On AWS, Datameer simplifies your cloud analytics data architecture by utilizing and extending AWS tools, and providing a higher level approach to create and manage data pipelines that feed your cloud analytics. Datameer's no-coding approach enables agile creation
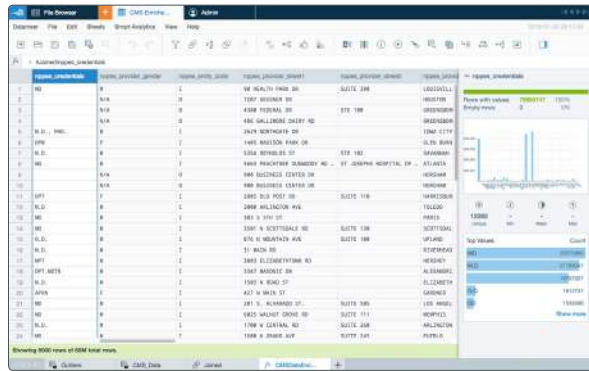
and continuous execution of seamless pipelines that transform disparate datasets from S3, Redshift, Aurora and on-premise sources, delivering curated result sets to analytic platforms such as Redshift, Athena, Quicksight and Amazon ML for faster insights and innovative analytics.

Agility and Elasticity

AWS offers access to easy, instantaneously available powerful compute and storage resources. Your big data pipelines need to take advantage of the agility and elasticity this architecture provides to enable rapid response to business needs and offer the most cost-effective use of compute and storage resources.

The Datameer on AWS architecture separates compute and storage resources using S3 for independent data storage and EC2 instances in an EMR cluster for scalable compute resources. Datameer is also containerized for EC2 instances (Amazon Machine Instances: AMIs). This provides a unique architecture that is:

- **Agile** – Datameer instances can be deployed and managed easily from the Amazon Management Console, freeing already taxed IT resources and making the architecture responsive to the business needs.

- **Elastic** – Compute and storage resources can be automatically scaled up and down to the processing needs of your data pipelines to provide the most cost-effective use of resources.

Industry-leading Platform

Datameer for AWS offers all the industry leading capabilities of Datameer's flagship platform for agile, scalable creation of analytic data pipelines, in a cloud-ready offering. This includes:
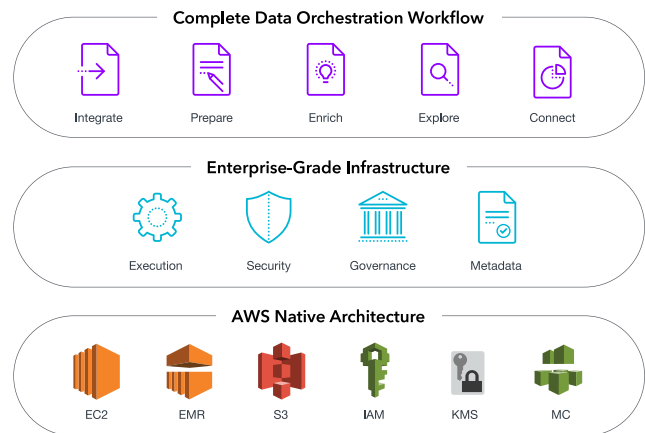
- A complete data pipeline platform, Datameer covers the full data lifecycle from integration to preparation to consumption, and works with ANY data source, in ANY location (on-premise, cloud or hybrid) and with ANY BI or data science tool.

- Enterprise-grade features for high-end scalability, strong security and deep governance, which creates an industrial-grade platform that is trusted by large organizations with stringent regulatory requirements.

- An intuitive, business-ready Interface and tools with over 270 powerful functions, rapid data modeling and visual data profiling that make it quick and easy for business analysts to create their own customized data pipelines unique to their analytic needs.

- Visual exploration at the speed of thought on extremely large datasets along with unconstrained exploration over any dimension makes Datameer the fastest way to discover and find insights and patterns hidden deep in large volumes of data.

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.

AWS Integrated

Datameer for AWS leverages AWS compute, storage and software services to provide the utmost scalability and an integrated experience. Datameer also integrates with downstream data sources and upstream analytic tools to create seamless data pipelines that transform and flow data to analytic destinations.