MetadataHub Data Landscape Report

A360° View of Your Unstructured Data

MetadataHub's powerful reporting feature helps organizations manage and gain insights from their multi-vendor file and object storage environments, both on-premises and in the cloud. It offers a comprehensive, unified view of an enterprise's unstructured data landscape, providing deep visibility into storage utilization, data distribution, and more. This empowers users to make informed decisions, optimize storage allocation, and reduce costs. MetadataHub's included reporting feature caters to diverse needs and requirements:

1. **Data Landscape Report**: This report provides a 360-degree view of all data by capturing and utilizing POSIX and object metadata, offering a high-level overview of the storage landscape.

2. **In-depth Report**: Leveraging the power of embedded metadata, this configurable report opens files and extracts all embedded metadata, delivering a comprehensive and granular analysis of unstructured data.

These reports are designed for CxOs, storage administrators, managers, system integrators, data users and service providers who require a robust and efficient solution to manage and optimize their storage infrastructure. By providing actionable insights, this powerful tool enables users to effectively plan capacity, develop data management strategies, and make confident, data-driven decisions that align with organizational objectives.

With MetadataHub's reporting feature, organizations can unlock the true potential of their unstructured data, drive operational efficiency, and gain a competitive edge in today's data-centric landscape.

Key Features and Benefits:
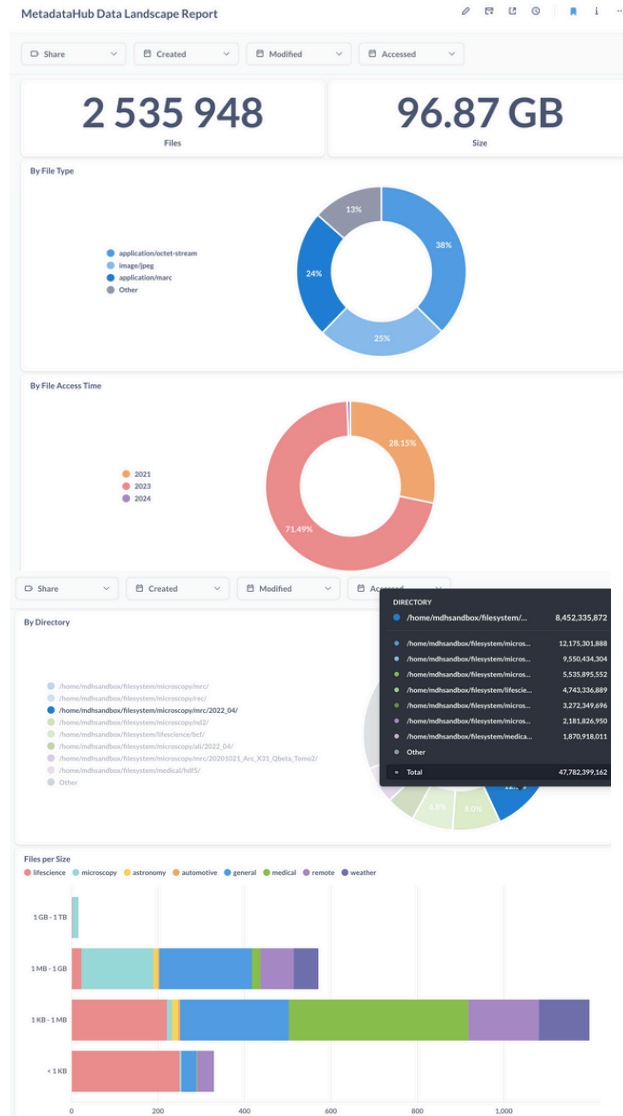
Global Visibility:

- Provides a unified, global view of the entire data landscape, encompassing network-attached storage (NAS) and cloud storage.
- Breaks down data silos by offering a consolidated perspective of data across multiple file servers, storage shares, buckets, and cloud storage platforms.
- Enables a comprehensive understanding of the data landscape, facilitating effective data management.

Metadata-Driven Insights:

- Harnesses the power of metadata to deliver unparalleled insights into the storage landscape, including storage utilization, file type distribution, data age analysis, context, and more.
- Empowers users to make informed decisions based on rich, context-aware information derived from metadata analysis.

Cost Optimization Opportunities:

- Capture data to identifies areas for storage cost reduction by analyzing data usage, pinpointing cold data, and modeling the financial impact of data tiering and archiving strategies.
- Discovers cost-saving opportunities by comparing storage utilization and efficiency across different file systems and platforms.
- Empowers organizations to make data-driven decisions that maximize storage investments and minimize costs.

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Compliance and Risk Management:
- Identifies files that have not been accessed within compliance periods or sensitive data residing in unsecured locations.
- Helps mitigate risks and ensure adherence to regulatory requirements by providing visibility into potential compliance issues and data vulnerabilities.

Streamlined Data Management:
- Enhances overall storage efficiency by helping identifying and addressing redundant, obsolete, and trivial (ROT) data.
- Enables the implementation of intelligent data lifecycle policies based on insights gained from the MetadataHub Data Landscape Report.
- Facilitates effective data management practices, optimizing storage utilization and reducing data clutter.

Customizable and Interactive:
- Provides an intuitive, user-friendly interface with easy-to-use point-and-click query filters and drill-down capabilities.
- Allows users to generate dynamic reports tailored to their specific needs, offering deep insights into data usage, growth trends, file and MIME types, age of data, and more.
- Enables users to filter and customize reports to align with specific organizational requirements and objectives.

Scalability and Rapid Deployment:
- Deployed as a Docker container for quick and easy installation in any environment.
- Capable of analyzing and reporting on billions of files, ensuring scalability for large-scale storage environments.
- Offers rapid deployment and seamless integration with existing storage infrastructure.

ARTIFICIAL INTELLIGENCE READY

Metadata-Hub is a data intelligence software that simplifies the process of uncovering valuable insights from unstructured data. It transforms unstructured data into a structured and easily searchable data set, enabling organizations to effectively analyze and make informed decisions based on their data assets.

The software directly interfaces with storage systems via standard protocols like SMB, NFS, and S3, allowing its unique metadata harvesters to open, access, and interpret any file type, including complex machine-generated data from various sources such as microscopes, genomic sequencers, telescopes, and computer vision systems. By extracting embedded metadata from these diverse data sources, Metadata-Hub creates a unified Decentralized Contextual Metadata Platform (DCMP) that serves as a decentral repository for metadata.

Users can effortlessly search, sort, and provision the data to various tools and platforms, including analytics, AI, data lakes, reporting, and data orchestration systems. This seamless flow of information empowers organizations to derive meaningful insights from their unstructured data assets.

Metadata-Hub becomes a pivotal tool for making unstructured data usable with advanced analytics tools, enriching reporting capabilities, enhancing AI applications, and improving overall data orchestration. This ultimately drives better decision-making, increases operational efficiency, and unlocks the true potential of an organization's data assets.

The MetadataHub Reporting is essential for organizations seeking to gain control over their unstructured data, optimize storage costs, and drive informed decision-making. By leveraging the power of metadata and providing a comprehensive, unified view of the data landscape, this powerful tool empowers enterprises to align their storage strategies with business objectives, ensure compliance, and unlock the full potential of their data assets.

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