Enterprise Strategy Group by TechTarget

Create Valuable Data Lake Analytics With Starburst Galaxy on AWS

Data has become a critical resource for businesses, helping them to understand their customers, measure business goals, and make decisions. Many organizations are moving their data to the cloud, creating vast data lakes for analysis. However, many organizations are struggling to find insights quickly within such a massive data set.

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Insights Are Difficult to Find Within the Mountain of Data Being Collected

Despite the benefits of the cloud, the disparate sources of information and places it can be stored make it difficult to get a complete picture. Organizations need to organize and operationalize their cloud data so they can gain the necessary insights quickly enough to remain competitive.

73%

report that it takes days or longer to gain insight from data.

28%

say it takes a month or longer.

(N=338)

Starburst Galaxy for Structuring Data Lake Analytics on AWS

Starburst Galaxy is a software-as-a-service data lake analytics platform that helps organizations discover, govern, optimize, and analyze data.

Starburst Galaxy is built on Trino, an open source, distributed query engine built to process queries against multiple data sources at scale.

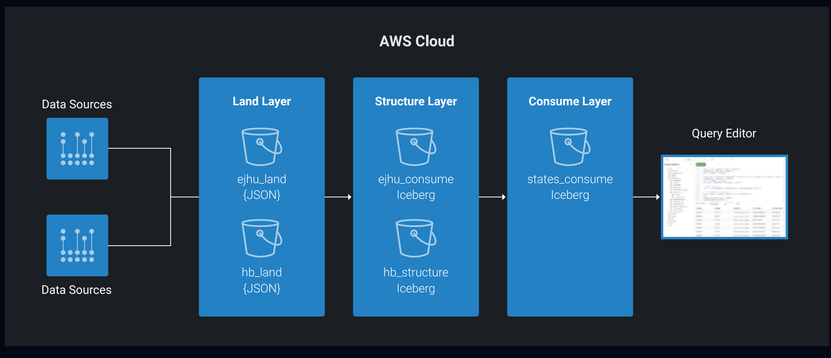
Starburst Galaxy connects to and queries multiple modern and legacy enterprise sources, minimizing data duplication and providing a holistic view of all data in the ecosystem. It connects to popular data sources such as Snowflake, MongoDB, and Elasticsearch.

Starburst enables users to structure data into reporting layers, managing data while preparing it for business leaders. Starburst Galaxy provides query federation, BI dashboards, batch processing, and ad-hoc queries.

Focus on High-value Analytics Instead of Data Management

Starburst Galaxy serves as a middle layer between BI tools and data storage, providing the computing power necessary to transform data and make it available for consumption by analysts.

Starburst enables organizations to create a modern data lake architecture. Creating three layers, which Starburst refers to as Land, Structure, and Consume, the platform provides a vendor-agnostic and scalable architecture for data lakes.



Starburst Galaxy helps organizations build a modern and secure data lake architecture in three ways:

#1

Providing the raw computing power necessary to transform data.

#2

Offering a vendor-neutral reporting structure that can connect to several data sources and take advantage of Amazon S3 to store any objects required.

#3

Strong authentication and authorization controls, featuring role-based and attribute-based access controls down to the table level and single sign-on capabilities.

Conclusion

Despite the many benefits of using cloud services for data storage and processing, many companies struggle to find valuable insights from within the data they accumulate over time. Starburst Galaxy provides organizations with a managed analytics platform that offers a holistic view of their data. Starburst Galaxy doesn't force organizations to change what they already use but rather provides the tools to gather, organize, and analyze data through a modern data lake architecture. If your organization needs a scalable data lake architecture to provide key business insights, no matter where the data lives, we suggest you take a serious look at Starburst Galaxy, available in AWS Marketplace.

LEARN MORE

Source: Enterprise Strategy Group Research Report, *Cloud Analytics Trends*, October 2022.