

Starburst: The Analytics Engine for Data Mesh

A single point of access to distributed data

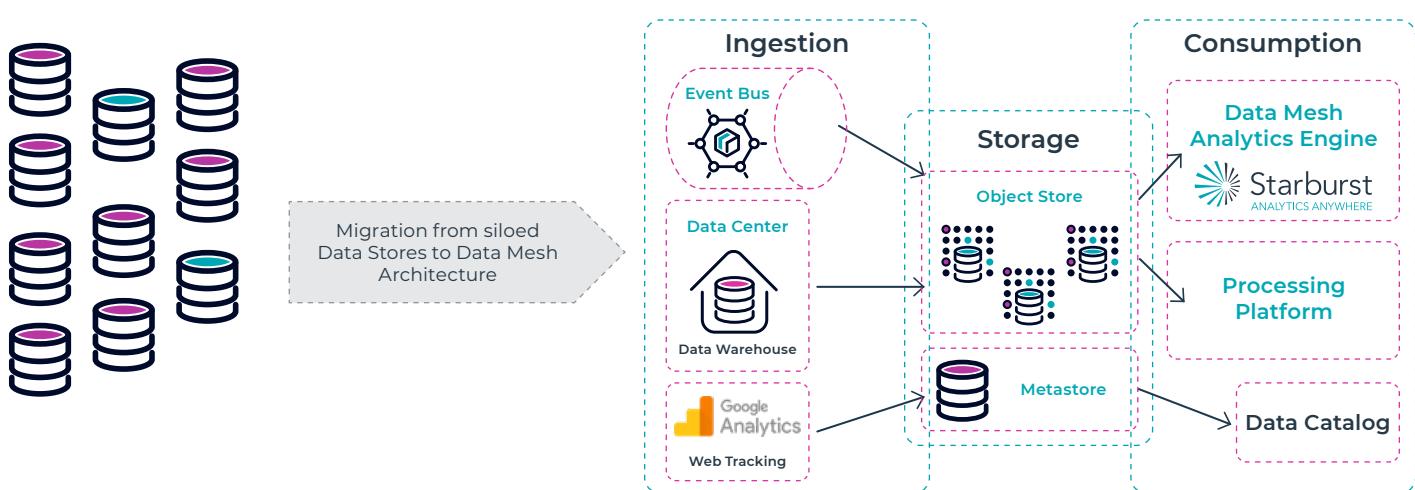
Companies are striving to become more data-driven. When teams are empowered to use data in their decision making, they find faster paths to new revenue, cost savings, and other ways to optimize their performance and create competitive advantage. However, becoming data-driven requires a new approach to data management and access. Data mesh is an organizational and technological shift that embraces the realities of business complexity, alongside the massive amount of distributed data that teams need an easier path to consume to become data-driven.

Many enterprises are investing in next-generation data lake or cloud data warehouse architectures. Data warehouses and data lakes, however, fail when applied at the combination of scale, speed, and the intricacies of today's organizations. They tend to rely on data centralization - or at least extensive data movement & copies - which delays time-to-insight and increases the complexity of their data management architecture. Data mesh proposes an alternative, which is to move away from the centralization paradigm to optimizing architecture for distributed data.

Starburst is the analytics engine for the data mesh. We enable organizations to unlock the value of distributed data by making it fast and easy to access, no matter where it lives, all without the need to move or copy data. Starburst queries data across any database, making it instantly actionable for data-driven organizations. With Starburst, teams can lower the total cost of their infrastructure and analytics investments, prevent vendor lock-in, and use the existing tools that work for their business.

Starburst provides an analytics engine for a data mesh that:

- Simplifies complexity by reducing data movement
- Takes advantage of data lake cost efficiencies
- Gives data consumers greater control of their data products, via a self-serve data platform
- Removes analytics bottlenecks
- Significantly reduces delays regarding time-to-insight
- Speeds critical decisions that drive competitive advantage

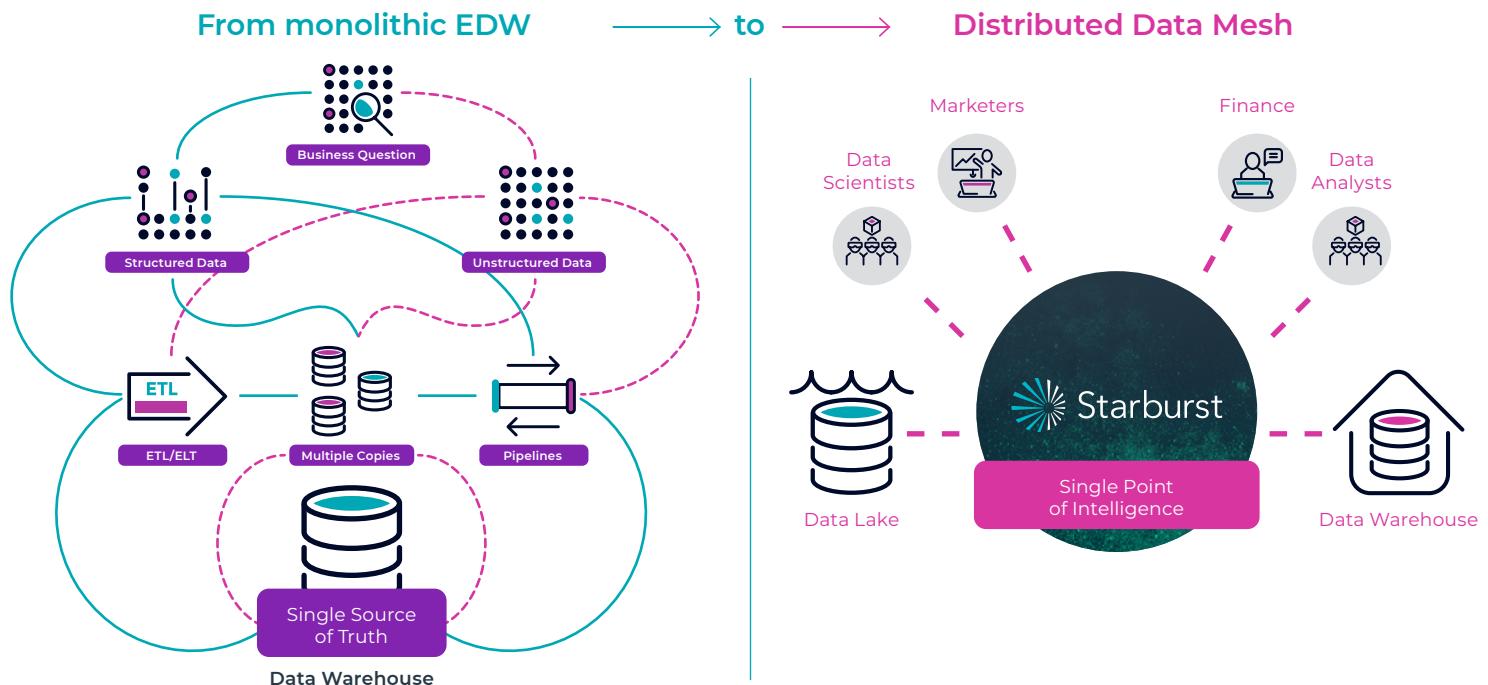


From monolithic to modern

At the foundation, Starburst helps enterprises embrace a modern distributed architecture. A data mesh considers domains as an owner of data decentralization. This way, they can examine the evolving data landscape from the perspective of business. Data mesh is about the acknowledgement and embrace of data decentralization. Starburst's view is that the approach to big data analytics that requires extensive data movement has to end. Companies today realize that it's not worth the time and resources to try to consolidate all of your data into a single data store. This has caused a shift from the monolithic enterprise data warehouse, to the modern data mesh in which Starburst engine was designed to embrace.

A single point of access

Starburst helps companies modernize their data strategy by bringing analytics to data where it lives. We enable companies to make faster and better decisions on more complete data. Starburst can accelerate the digital transformation for organizations of any size by enabling the highest quality of insight by providing access to all data for analytics - fast - without having to move or copy data. Starburst offers a modern approach to data access to optimize cost, speed and scale of analysis on distributed data. Starburst helps organizations focus on getting more value out of distributed data, in a data mesh approach where business teams own their data products.



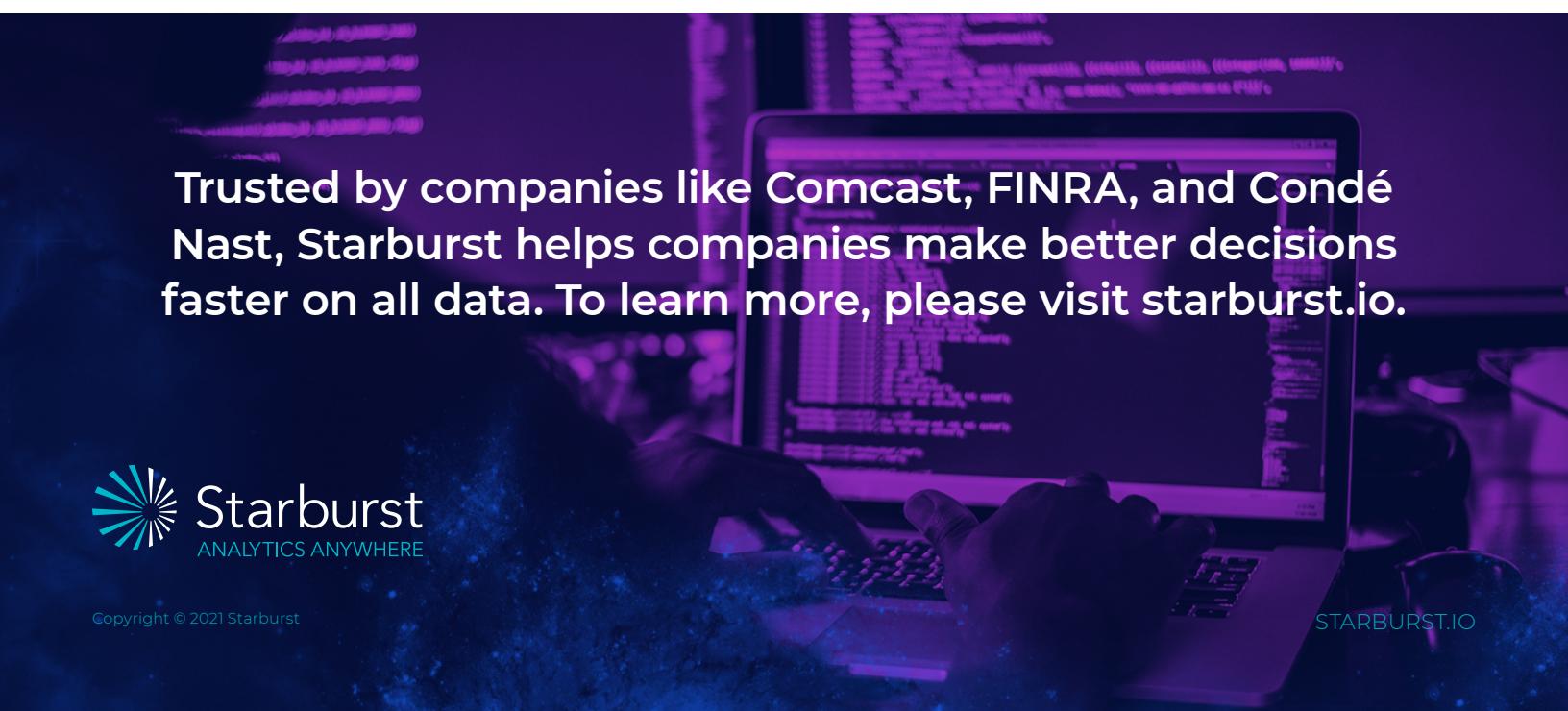
Accelerating a data mesh for all roles, and domains

Let's face it. A "single source of truth" doesn't exist. In a data mesh, instead of a single data pipeline, each domain performs some transformation and serves their data. Central IT is responsible for serving domains with the right enabling tech, and forging tighter partnerships with the business. Starburst is a single point of access to distributed data. Companies adopting a data mesh architecture must have an analytics engine capable of federating across data sources. Starburst empowers self-service analytics for business domains.

Starburst provides real-time access to each domain's datasets. Data engineers historically have been 'data movers' to a large extent, however with data mesh, this work is separated into infrastructure engineers that support the data platforms and data engineers that live in the domain and are now able to be 'data shapers' and add more value to the business. Starburst is providing a simple SQL based platform for data engineers in the domains to use. Now data teams can concentrate on enabling faster time to insights.



Data mesh is an architectural approach that brings out the benefits of distributed data. Starburst puts teams in greater control of their data, speeds time-to-insight, and reduces data movement inefficiencies.



Trusted by companies like Comcast, FINRA, and Condé Nast, Starburst helps companies make better decisions faster on all data. To learn more, please visit starburst.io.

