

Business Intelligence Solutions

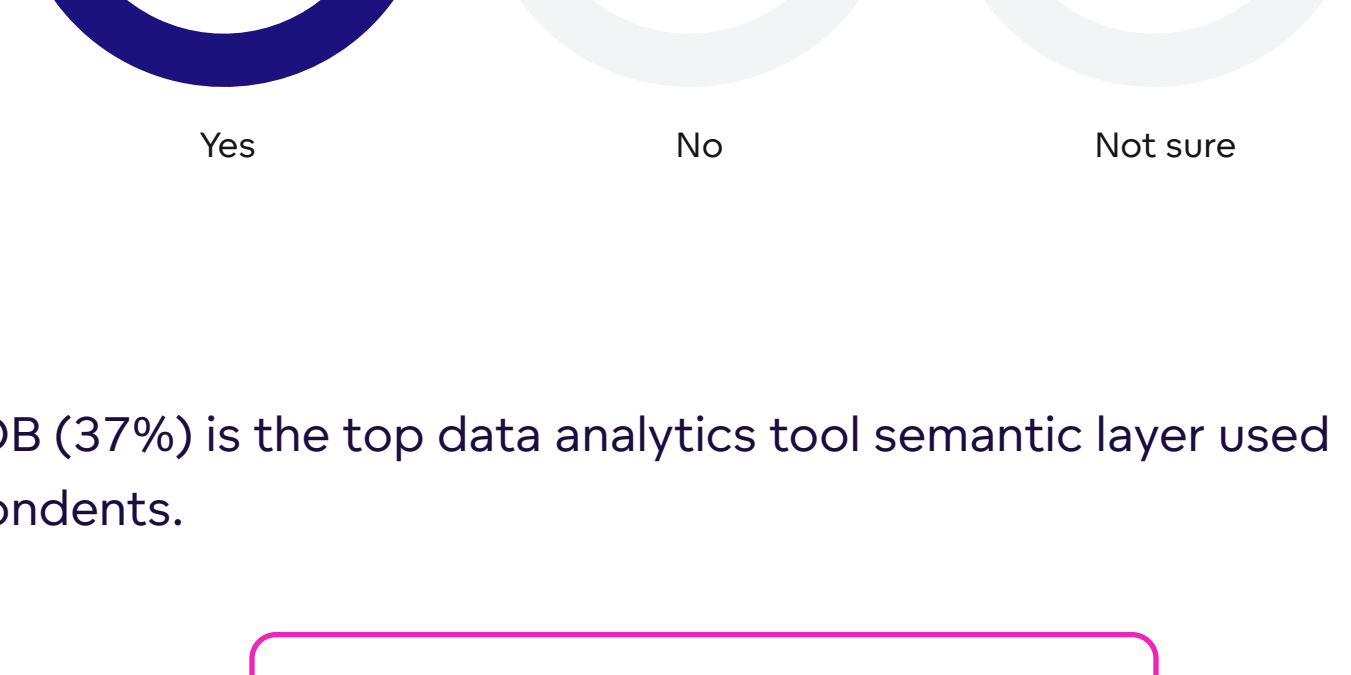
GoodData used the Gartner Peer Community platform to survey 100 IT, engineering, and data analytics leaders who are familiar with the concepts of semantic models, data mesh/data fabric, data observability, and commercialization of data to understand the importance of business intelligence trends.

Data collection: November 16 - December 21, 2022
 Respondents: 100 IT/Engineering/Data analytics leaders

Leaders believe semantic data models are important because it establishes relationships between datasets

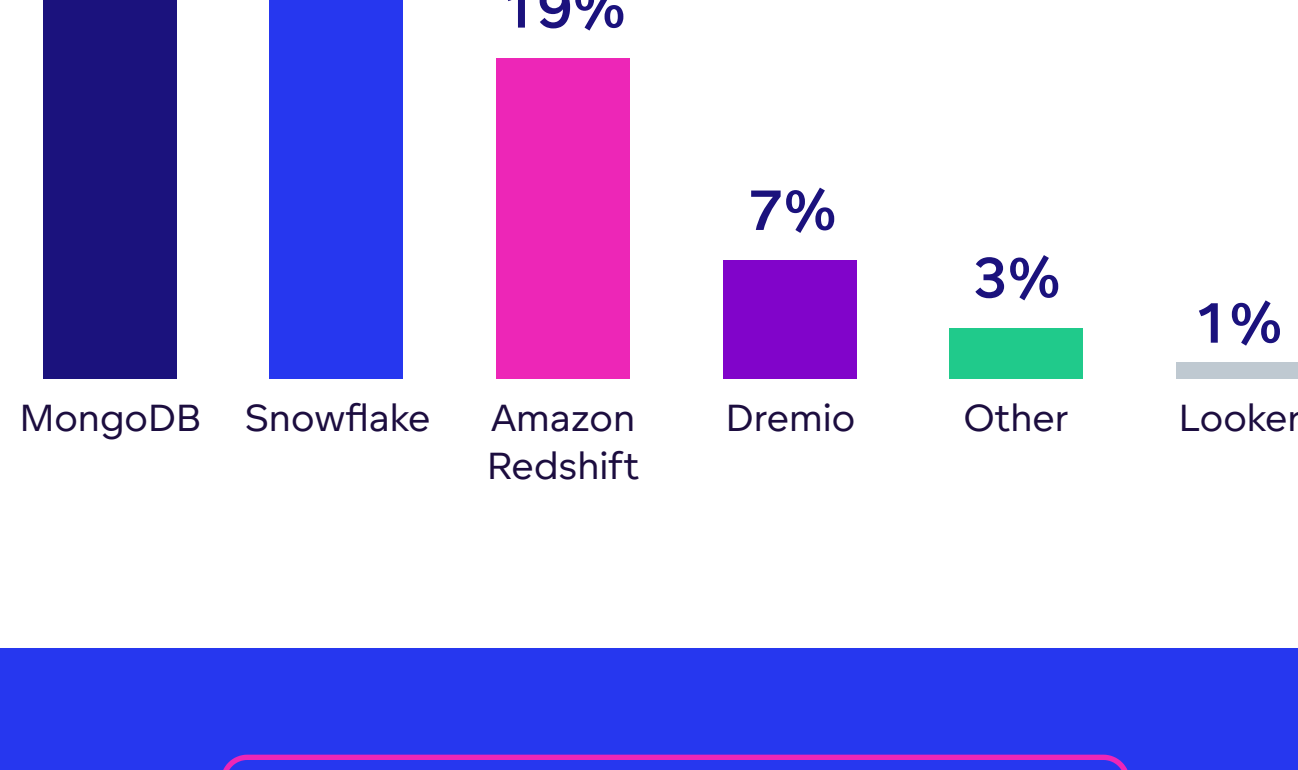
The majority of leaders (86%) think semantic data models are important.

Do you view semantic data models as important? (n = 100)



MongoDB (37%) is the top data analytics tool semantic layer used by respondents.

Which data analytics tool semantic layer do you currently use? (n = 100)



What are your overall thoughts on semantic data models?

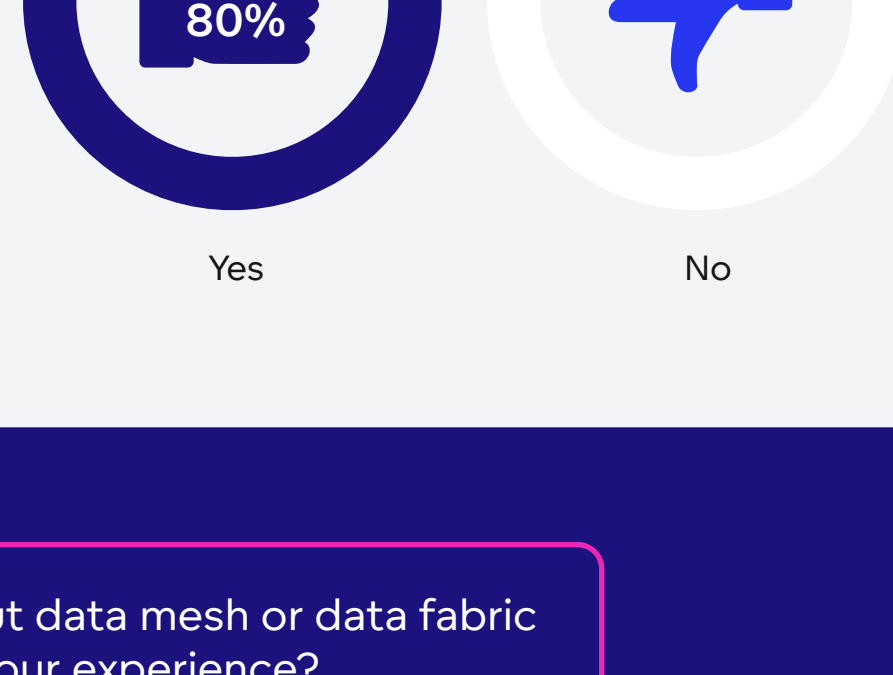
“It is critical for effective application development and backend database management as it captures the attributes and structures of datasets and their relationship.”
 - VP, Arts, Entertainment and Recreation industry, 5,000 - 10,000 employees

“If done properly, semantic data models will simplify complex business data. As a result, you will have/give greater access to a larger audience of potential users.”
 - Director, educational services industry, 1,000 - 5,000 employees

Data Mesh/Data Fabric leaders are still in the process of implementing

80% of IT and analytics leaders have heard about data mesh or data fabric.

Have you heard about data mesh or data fabric? (n = 100)



What do you know about data mesh or data fabric and what is your experience?

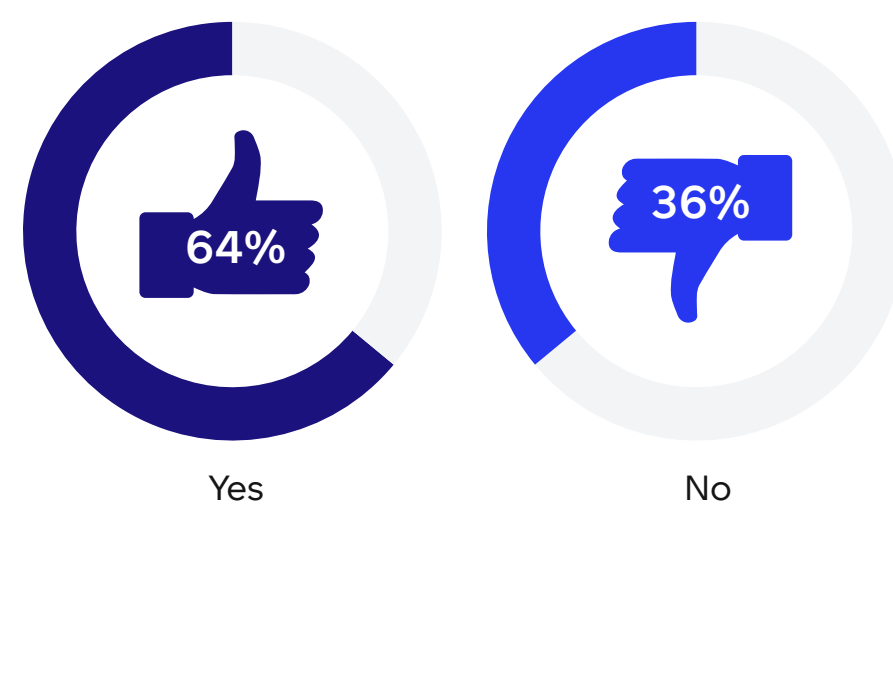
“Data mesh is an architecture for scaling data and analytic across an organization. The organizational experience has been somewhat limited at this time, but scaling and expansion of data availability is a long term goal.”
 - Director, educational services industry, 1,000 - 5,000 employees

“The goal of both are to improve the way data is managed and used. It helps create value and drives better business outcomes. We use a variety of tools to accomplish this but it all boils down to making your data more accessible and usable.”
 - Director, hospitality industry, 1,000 - 5,000 employees

Data observability is critical to the successful operations of a company

Close to two-thirds (64%) of leaders are familiar with data observability.

Have you heard about data observability? (n = 100)



What are your thoughts about data observability as a concept?

“Data observability means having the visibility into the status of your data across your enterprise and being able to see the health as well as monitor and troubleshoot problems where they occur. It is a framework for building single pane of glass interfaces for visualizing your institutional data across platforms and tools.”
 - C-suite, healthcare industry, 10,000+ employees

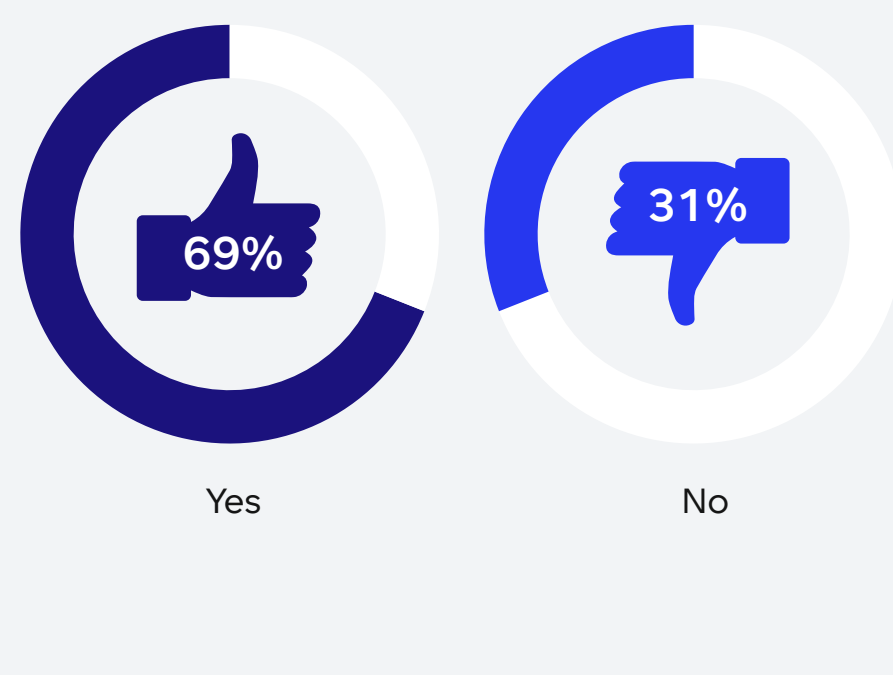
“Data observability is critical to the operations of any organization. It provides telemetry but more importantly, a holistic perspective of the organization’s data.”
 - Director, educational services industry, 5,000 - 10,000 employees

“Having good data observability is important because it allows for the identification and resolution of issues in a system, as well as the optimization of its performance. It is particularly important in distributed systems, where multiple components may be interacting in complex ways, and in systems that handle sensitive or mission-critical data.”
 - Director, hospitality industry, 1,000 - 5,000 employees

Leaders are divided about the commercialization of data

69% of respondents are familiar with the commercialization of data.

Are you familiar with data commercialization? (n = 100)



Over a third (36%) of leaders who are familiar with data commercialization think of it as just the selling of data, and 26% believe it provides value to partners and customers. Only 13% think it’s a violation of privacy.

What do you think about commercialization of data? (n = 69)



Respondent Breakdown

Region

North America 100%



Title

Company Size

