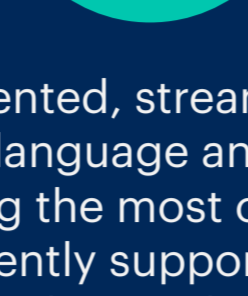


Emergent Analytics: Embracing Augmented Approaches

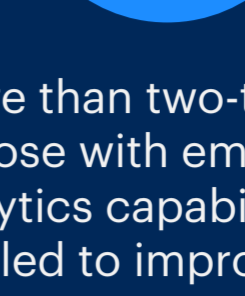
What emerging analytics capabilities are currently supported by organizations' analytics architectures and what benefits have leaders seen as a result?



Most have or plan to adopt emerging analytics capabilities



Augmented, streaming and natural language analytics are among the most common currently supported by respondent architectures



More than two-thirds of those with emerging analytics capabilities say they led to improvements

Data collection: Jul 24 - Oct 12, 2023

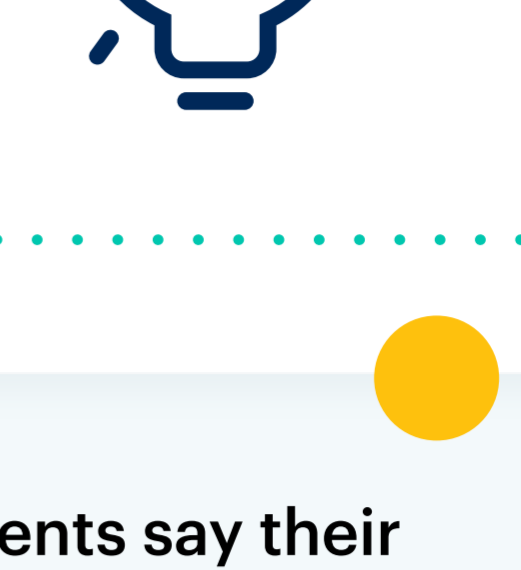
Respondents: 89 IT and data and analytics leaders responsible for or directly involved in developing and/or implementing their organization's analytics architecture

About Gartner Peer Community One-Minute Insights:

Gartner Peer Community is for technology and business leaders to engage in discussions with peers and share knowledge in real time.

Surveys are designed by Gartner Peer Community editors and appear on the Gartner Peer Community platform. Once the respondent threshold is met, survey results are summarized in a One-Minute Insight.

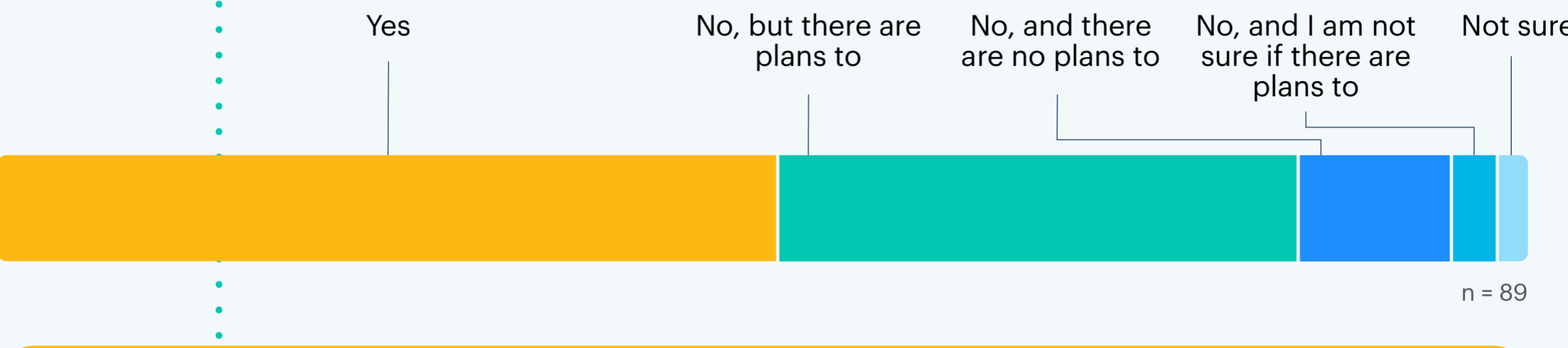
The results of this summary are representative of the respondents that participated in the survey. It is not market representative.



More than half have adopted emerging analytics capabilities

51% of respondents say their organization's analytics architecture already has emerging analytics capabilities — technologies that use cloud-enabled augmented approaches to analytics creation and consumption.

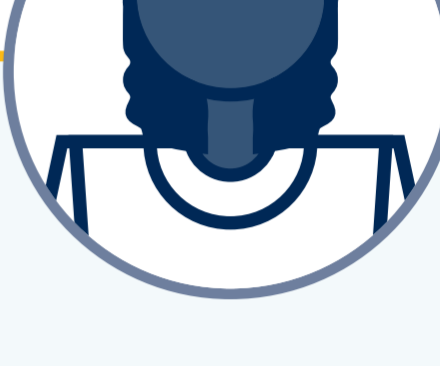
Does your organization's analytics architecture have emerging analytics capabilities?¹



“Highly industry dependent. In Pharma, it appears architectures are very much catered toward legacy process (core deliverables) whereas advanced analytics is secondary.”

Director, healthcare industry, 10,000+ employees

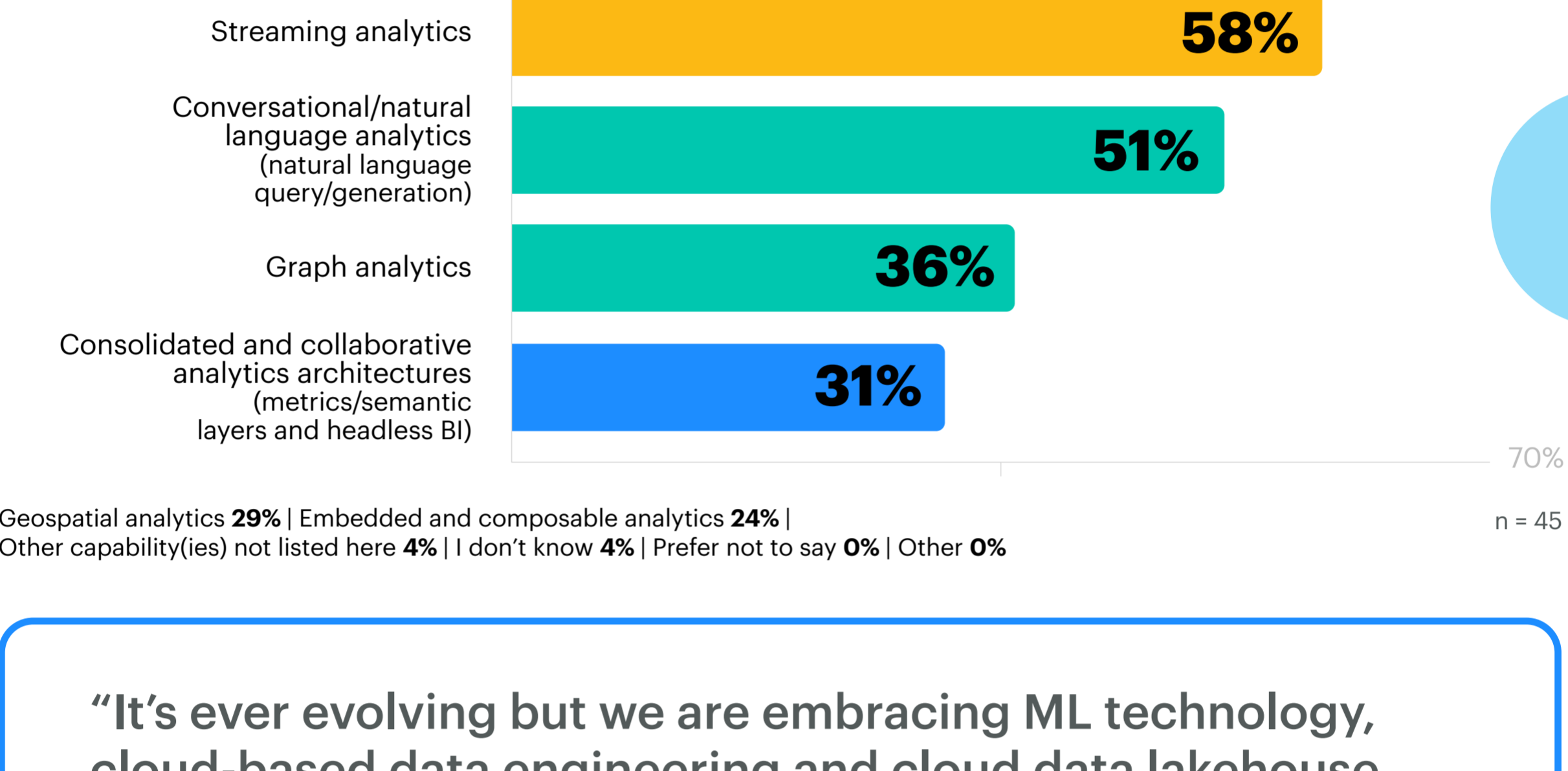
Question: Do you have any final thoughts to share on your organization's analytics architecture?



Current capabilities include augmented, streaming and natural language analytics

Most respondents who have emerging analytics capabilities (n = 45) say their analytics architectures support **augmented analytics (58%), streaming analytics (58%) or natural language analytics (51%).**

What emerging analytics capabilities are currently supported by your organization's analytics architecture? Select all that apply.²



“It's ever evolving but we are embracing ML technology, cloud-based data engineering and cloud data lakehouse and data warehousing.”

Manager, consumer goods industry, 10,000+ employees

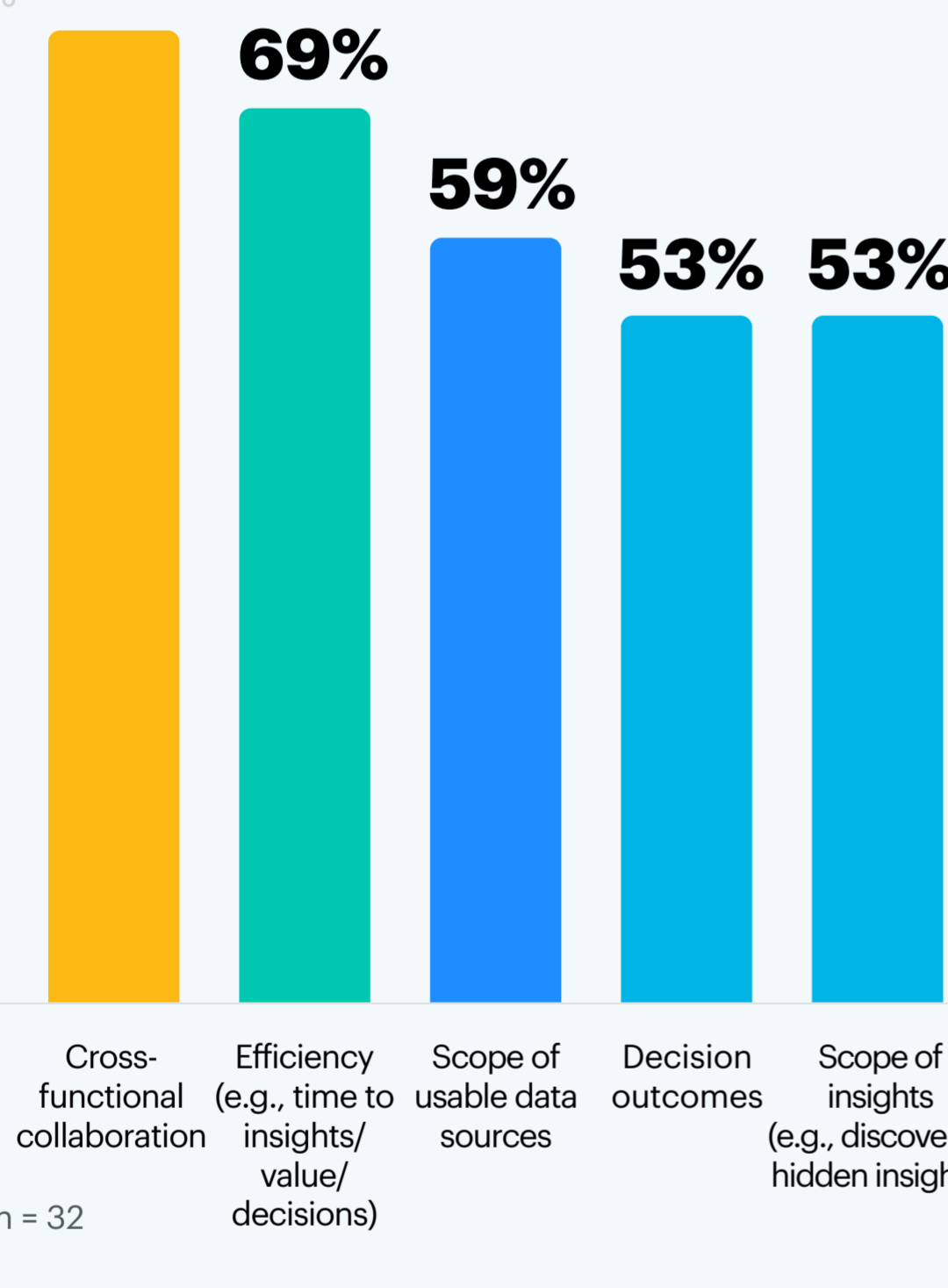
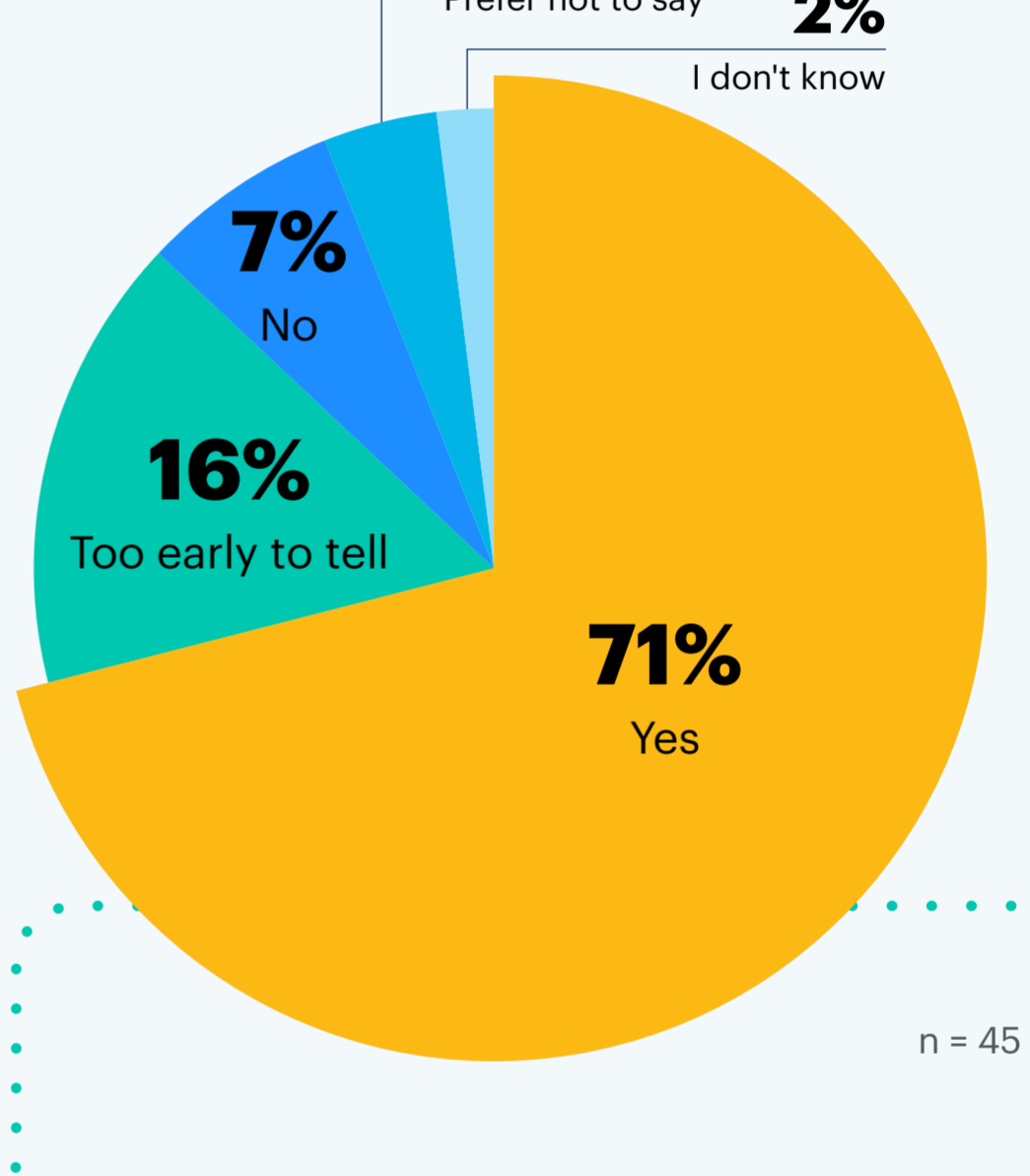
Question: Do you have any final thoughts to share on your organization's analytics architecture?



Emerging analytics have led to improvements in collaboration and efficiency

71% of these respondents (n = 45) say the emerging analytic capabilities currently supported by their analytics architecture have led to improvements.

Have the emerging analytics capabilities currently supported by your organization's analytics architecture led to improvements?²



Most respondents who have seen improvements (n = 32) point to **cross-functional collaboration (75%), efficiency (e.g., time to insights/value/decisions) (69%) or scope of usable data sources (59%).**

What has improved as a result of the emerging analytics capabilities currently supported by your organization's analytics architecture? Select all that apply.³

Customer experience **47%** | Model accuracy **41%** | Balance of agility and governance **38%** | Innovation within data and analytics team **34%** | User adoption **34%** | Other area(s) not listed here **0%** | Prefer not to say **0%** | Other **0%**

“We have worked to create an architecture that not only aims at solving technical problems but also solves the core problems which affect the adoption. This includes solving change management issues, infra issues, leadership challenges, etc.”

VP, software industry, <1,000 employees

Question: Do you have any final thoughts to share on your organization's analytics architecture?



In their own words...

“Analytics should be frugal and people oriented.”

- Director, finance industry, 1,000 - 5,000 employees

“Analytics is [the] most important piece to drive decisions based on data rather than gut feelings. It's a constant endeavour to explore new tools and technologies.”

- C-suite, finance industry, <1,000 employees

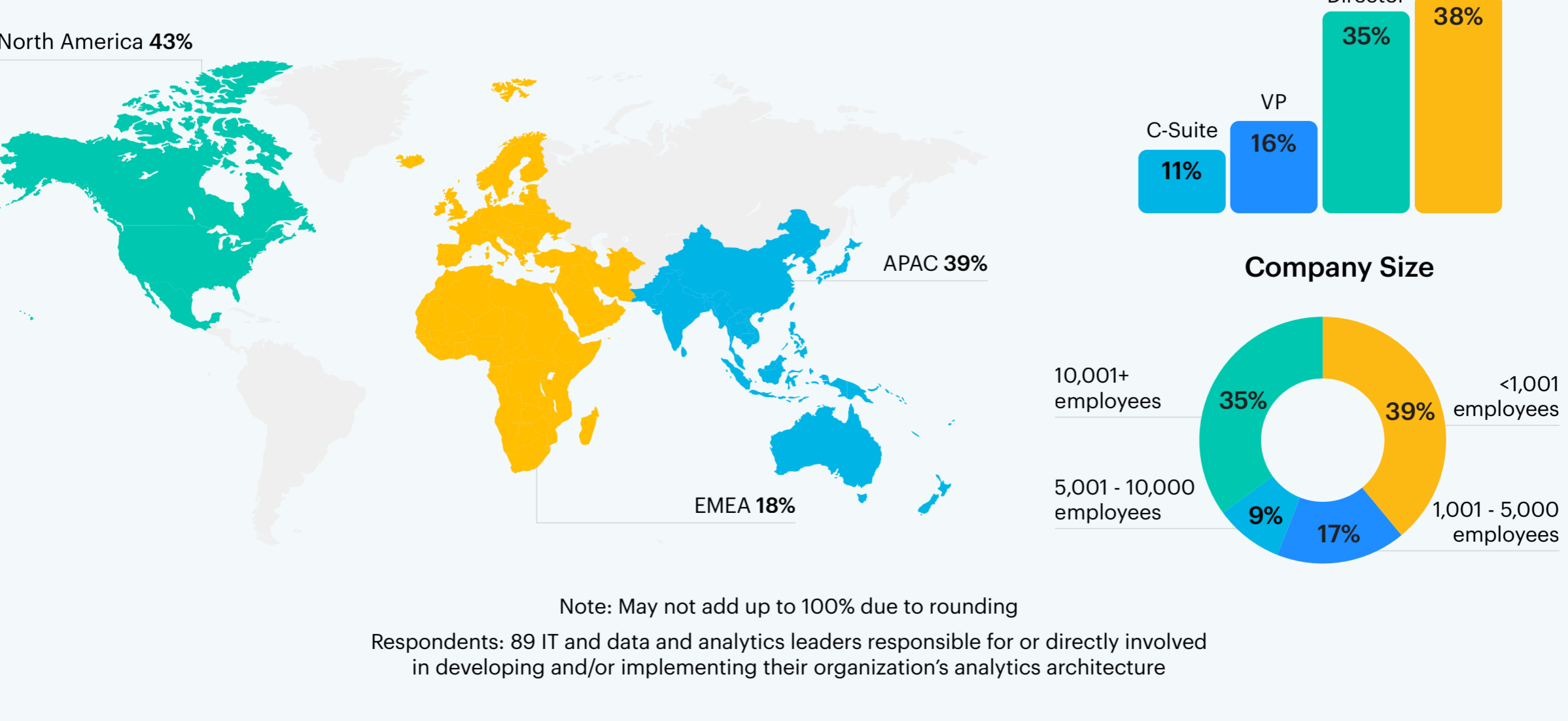
“Make sure [the] tools framework meshes with the overall architectural direction of the organization.”

- VP, healthcare industry, 10,000+ employees

Question: Do you have any final thoughts to share on your organization's analytics architecture?



Respondent Breakdown



Want more insights like this from leaders like yourself?

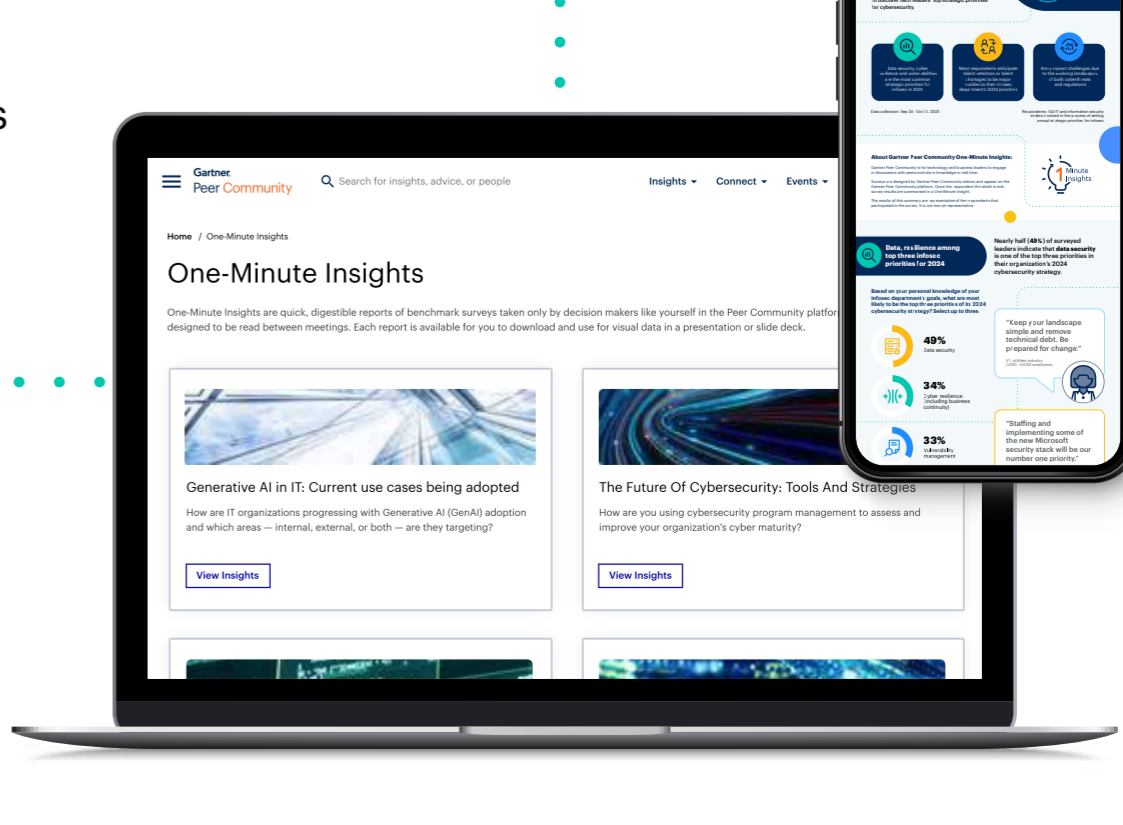
[Click here](#) to explore the revamped, retooled and reimaged Gartner Peer Community. You'll get access to synthesized insights and engaging discussions from a community of your peers.

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Source: Gartner Peer Community, Benchmark: How Advanced Is Your Analytics Architecture? survey

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¹Full question text: Does your organization's analytics architecture have emerging analytics capabilities (technologies that use cloud-enabled augmented approaches to analytics creation and consumption)?

²Question shown only to respondents who answered “Yes” to “Does your organization's analytics architecture have emerging analytics capabilities (technologies that use cloud-enabled augmented approaches to analytics creation and consumption)?”

³Question shown only to respondents who answered “Yes” to “Have the emerging analytics capabilities currently supported by your organization's analytics architecture led to improvements?”