

# Top Trends in data and Analytics for 2021

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## Top Trends in Data and Analytics for 2021

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IS THIS CONTENT HELPFUL TO YOU?

YES

NO

The D&A trends covered in this research can help organizations respond to change, uncertainty and the opportunities they bring over the next three years. D&A leaders must examine how to turn these trends into key investments that accelerate their capabilities to anticipate, shift and respond.

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### Overview

#### Opportunities

- The COVID-19 pandemic, while devastating, has proven that society and even the most conservative organizations can make dramatic changes, previously thought impossible, to survive and thrive. The top data and analytics (D&A) trends highlighted in this report will accelerate and scale D&A-based transformations to help organizations and society build their best future.
- Digital and AI acceleration have been byproducts of disruption. However, the difficulties of moving AI from pilot to production at scale impedes the business impact of AI. New AI tools and techniques can enable complex and data-scarce use cases, while investments in XOps can operationalize them using DevOps best practices.
- Change acceleration has become necessary for survival. The ability to rapidly design composable D&A and transparent decision flows using a common data fabric represents a critical competency for a disruption-ready and resilient organization.
- Distributed everything — data, people and devices — is accelerating. Using graph techniques to uncover connections in combinations of diverse data at scale enriches data management, analytics, AI and machine learning (ML), and enables innovation. Leveraging distributed D&A that resides in edge computing environments, while giving every distributed user dynamic insights, represents new opportunities for competitive differentiation and operationalizing business value.
- Establishing D&A as a core business function with critical capabilities in business-domain-led D&A, data literacy, data monetization, smarter data sharing and adaptive governance accelerates the achievement of intended value from D&A investments.

The Data and Analytics trends covered in this report by Gartner can help organizations respond to change and uncertainty, and the opportunities those changes may bring in the next 3 years. Data and Analytics leaders must examine how to turn these trends into key investments that accelerate their ability to anticipate, shift, and respond! Top trends include:

- Accelerating change
- Operationalizing business value
- And Distributed everything
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