Gartner Data & Analytics Summit

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Sessions at a Glance

A. Leadership, Skills and Culture

Chief data and analytics officers, and data and analytics leaders must be purposeful in driving the organizational and cultural transformation necessary to become a data-driven enterprise. This track explores how to hire and retain individuals and lead teams for business productivity, employee retention and professional growth.

- CDAO Agenda 2023
- The Foundation of Organization and Roles: From Control to Collaborate
- How to Measure and Communicate the Value of Data Literacy
- Human-Centric Approach to Data and Analytics: Rethink Your People Skills
- Partner With Software Engineering for Scale and Value
- How to Attract, Sustain and Retain Talent for Your Data, Analytics and AI Teams
- So You Want to be CDO?
- Engage and Influence Business Stakeholders Using Data-Enabled Storytelling
- Keeping SCORE, Understanding Your D&A Maturity
- Decisions: Can Data and Analytics Make Them Better?
- Pragmatic Techniques to Foster a Data-Driven Culture
- Change Management and Communication Unlock Data-Driven Business Value
- What Do CDAOs Need to Work on in 2023? People Skills!
- How to Have an Engaging Conversation With Your CEO About Data and Analytics
- Advanced D&A Strategy: Learn From Top CDAOs How to Make the Biggest Difference
- 5 Hacks to Drive Pervasive D&A Usage

B. Data Management

Data is now widely recognized as the most important asset of an organization, central to applications, analytics, AI and machine learning (ML). This track highlights the current and future data management strategies such as data ecosystems and financial governance as well as the full set of tools, metadata management and master data management.

- What Every CDO Should Learn About Data Management
- Foundations of Self-Service Data Management
- Data Ecosystems: Data Management in a Box, No Assembly Required
- Avoid Data Lake Failures by Addressing Modern Lake Requirements
- The Active Metadata Helix: The Benefits of Automating Data Management
- Technical Insights: Securely Extend Your Data Fabric to the Edge With Adaptable Digital Threads
- Data Fabric or Data Mesh: A Gartner Debate on How to Decide Your Future Data Management Architecture
- Data Lakes, Data Warehouses, Data Hubs and Now Lakehouses: What Are They and How to Choose?
- Be Equipped to Face the Emerging Trends in the Data Management Market
- State of the Data Integration Market: Top Trends That Can Transform Your Data Engineering Practice
- Data Observability: A New Trend You Need to Know for Building Reliable Data Landscapes
- 5 Ways to Mature Your Data Engineering Practice
- 12 Actions to Improve and Sustain Your Data Quality
- The Practical Data Fabric: How to Architect the Next-Generation Data Management Design
- Foundations and Essentials of Master Data Management
- Graphs Are Everywhere — How to Leverage Graph Databases and Graph-Based Data Management Practice
- Data Engineering Trends and Best Practices

Sessions at a Glance (Continued)

Agenda as of December 8, 2022, and subject to change

C. Analytics

To increase the impact of analytics on an organization, data and analytics leaders must change their mindsets, shifting their focus beyond the implementation of analytics capabilities toward the delivery of business outcomes. This track navigates those analytics capabilities and how to organize them, plan to deliver them and align them to stakeholder needs.

- 10 Great Examples of Analytics in Action
- Decision Intelligence and Optimization Across Your Enterprise and Ecosystem
- Data Storytelling: A Better Way to Engage Decision Makers With Data
- How Language Technologies Are Reshaping the Foundation of Analytics and What to Do About It
- Real-Time Stream Processing and Data in Motion
- Use Composable Data and Analytics to Build Modular Business-Oriented Analytics Experiences
- Emerging Practices for Decision Intelligence: The Next Leap for Data, Analytics and AI
- 7 Fatal Flaws of Self-Service Analytics
- Top Trends for Data and Analytics in 2023
- AI and Customer Analytics — Now and Next

D. Strategy and Value

Data and analytics is part of every business discussion about digital transformation. This requires creating a D&A strategy that can make an impact to the organization's mission-critical priorities, establish and manage value expectations, and build an operating model to execute. This track explores how to identify, assign value and prioritize data and analytics investments as well as develop a coordinated strategy and operating model to ensure success.

- The Foundation of a Modern Data and Analytics Strategy
- Technical Insights: Deploying Data and Analytics Architecture in AWS, Azure and GCP Cloud Platforms
- 10 Great Examples of Analytics in Action
- Customer Data Platforms (CDPs): Beyond Marketing — Leveraging Customer Data to Elevate CX
- How Data and Analytics Leaders Can Use a Four-Step Approach to Combat Inflation During Negotiations
- Leverage Data and Analytics Ecosystems for Adaptability, Speed and Lower Cost
- Smart Analytics for Even Smarter Cost Optimization
- Scale Data Reuse and Resharing for Business Value Without Perfect Trust
- Rethinking Your Elusive Quest for Business Value
- Technical Insights: Developing an Effective Cloud D&A Migration Strategy
- Digital Ethics: Dealing With All the Data Dilemmas
- Top Data and Analytics Predictions, 2023
- Gartner Futures Lab: Reengineering Decision Making, 2025
- Articulating the Value of a D&A Initiative in Four Easy Steps
- Evaluating and Selecting D&A Service Providers
- Optimize Your Cloud Spending Strategy for Uncertain Times

Sessions at a Glance (Continued)

E. Data Science, Machine Learning and Artificial Intelligence

Scaling and operationalizing data science, ML and AI are critical to driving value and impacting how decisions within the organization are made. This track explores the technology trends, organizational requirements, skill development and talent needed for successful deployment.

- Foundations Of AI — Still Confused? A Minimal Viable Knowledge Set to Get Started With AI
- Recipes for AI Maturity Learned From Known Successes and Mistakes
- Data and Analytics Governance: Foundations and Prospects
- The Foundation of Data Science and Machine Learning: Delivering Value in the Age of AI
- AI Implementation: The Path Toward a Greener Future
- Level Up AI by Applying Software Engineering Best Practices to MLOps
- The Logical Feature Store: Managing Data for ML
- Real-Time AI and Decision Intelligence
- The Future of AI
- How to Improve the Performance of Stalled AI Projects
- Decision Intelligence Platforms — No Excuses for Bad Decisions Anymore
- All Data Is Biased! Can We Make AI Models Unbiased?
- The Future of Data Science and Machine Learning: Critical Trends You Can't Ignore
- Forbidden Questions Bold Data Engineers Should be Discussing With AI Aficionados
- Achieve Strategic Value in AI With Seven Practices
- Why Your Next Data Science Project Should Use Graph Analytics and Machine Learning
- Five Steps to Create a Productive Analytics and AI COE

F. Trust, Governance and Privacy

To exploit business opportunities and challenges, organizations must establish the right foundations for data and analytics governance. Trust, privacy, ethics and accountability are central to this foundation. This track provides guidance for putting trusted, agile data and analytics, and AI governance practices in place.

- Data and Analytics Governance: Foundations and Prospects
- Deploy Data and Analytics Governance Effectively to Drive Better Decisions
- Executive Guide to Applied Observability
- Responsible AI: From Bias and Privacy to Compliance and Risk Management
- Develop an AI Governance Strategy to Balance Value and Risk
- Financial Governance and FinOps in Cloud: Avoid an Unpleasant Conversation With Your CFO
- Dangerous Data: Can't Live With It, Can't Live Without It
- What You Need to Do About New AI Risks