

Cosmo's Guide to Data Universe 2024

FOR OPERATORS & BUILDERS WHO WANT IN-DEPTH GUIDANCE FROM EXPERTS WITH DEEP DOMAIN EXPERTISE, TO HELP YOU NAVIGATE THE EVER-CHANGING LANDSCAPE OF DATA ENGINEERING, MANAGEMENT, AND AI-DRIVEN TRANSFORMATIONS.



Your Function



TECHNOLOGISTS, DEVELOPERS, ARCHITECTS, OPEN-SOURCE CONTRIBUTORS. ENGINEERS, SYSADMINS, DEVOPS/MLOPS STAFF, AND DATA CENTER DESIGNERS



Your Experience Level



ALL



Your Superpower



YOU ARE A MAGICIAN AT WRITING CODE AND RUNNING SYSTEMS



Your Passion



LAYING THE GROUNDWORK FOR TRANSFORMATIONAL CHANGE



DATA UNIVERSE 2024

Data Universe brings it all together

to empower you with tools, perspectives, and strategies to help you unpack the complexities of building in an AI-everything futurescape.

Stay on top of AI's revolutionary capabilities

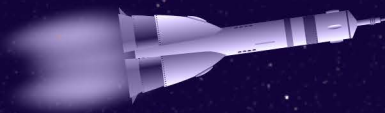
with A-Z insights to help you navigate AI-enabled systems development, best-in-class risk planning and governance, and recommendations for producing fast, efficient infrastructures that are AI-ready.

Expand your universe by exploring new ways of thinking about your role

including the ever-changing landscape of essential skills needed for data engineering and development, and revolutionary best practices to fuel your success.

Engage with deep insights to help you thrive in the expanding data universe.

Through debates, panel discussions, and case studies, you'll learn from visionaries and domain experts, how to evaluate the full scope of considerations you'll need to anticipate, plus tips, tools, and practical strategies you can walk away with.



Top Sessions for Operators & Builders

Architecting the Future: The Evolution of the Data Stack

MOLLY PRESLEY, SVP OF GLOBAL MARKETING, HAMMERSPACE

In an era where data is the linchpin of competitive advantage, this session takes you on a deep dive into the revolutionary best practices of enterprise AI data pipelines. Unpack the complexities of data integration from multiple silos, orchestrating data to GPUs, and building fast and efficient infrastructure for AI. [LEARN MORE →](#)

1

Data Virtualization 2.0: Lessons Learned and the Evolution Continuing Ahead

NIK ACHELSON, FIELD CDO, DREMIO

This presentation explores the challenges and evolution in data and technology, emphasizing the growth of data sources, user concurrency, and distributed ownership. It delves into the strategic significance of a unified analytics tier to enable a Phase 2 of virtualization. [LEARN MORE →](#)

2

Bottom 10 Neglected Data Engineering Tasks

VERONIKA DURGIN, DATA AND ANALYTICS LEADER

Most IT organizations face a constant balance between delivering approved projects and fixing urgent problems. Join Saks' Veronika Durgin as she digs through the Bottom Ten: Neglected data engineering tasks that will come back to haunt you. [LEARN MORE →](#)

3

Top Sessions for Operators & Builders

AI on the Blockchain: A Surprisingly Real-World Platform

THERESA JOHNSON, PRODUCT MANAGER & INVESTOR, AIRBNB

In this session Ms. Johnson shares her case study as a product manager at Airbnb Payments, where she integrates AI with blockchain to transform their services by enhancing transaction efficiency, security, and personalization. [LEARN MORE →](#)

4

5

Building the Big Data Backbone

PANEL

This panel explores the ever-changing landscape of essential skills and the automation of outdated ones for data engineers. With a myriad of architectural options available, we'll dissect how organizations navigate the complexities to tailor solutions to their specific needs. [LEARN MORE →](#)

What It Takes to Build Your Own Analytics Solution

KISHORE BANALA, SR. SOFTWARE ENGINEER, NETFLIX

Join us for a deep dive into strategies for building custom analytics solutions, including approaches to data collection, utilizing columnar data stores, and visualizing data with open-source tools. Come along for insights and suggestions drawn from practical experience in building large scale analytics solutions. [LEARN MORE →](#)

6

Additional Recommendations

AI Has Taken Off, but Where is it Going →

JANA EGGERS, CEO NARA LOGICS

Unleashing Potential – Harnessing AI for Exponential Growth →

YVONNE LI, VP OF ENTERPRISE ARTIFICIAL INTELLIGENCE, DATA ENGINEERING, AND DECISION SCIENCE AT ADVANCE AUTO PARTS

Insights from the Frontline: Navigating AI/ML Challenges in Big Business and Government →

SADIE ST. LAWRENCE, FOUNDER & CEO OF WOMEN IN DATA

The Great Data Debate →

MIKÉ FERGUSON, CEO, INTELLIGENT BUSINESS STRATEGIES LIMITED

Leaders Aren't Asking the Right AI Questions →

CHRIS WILLIS, CHIEF DESIGN OFFICER AND FUTURIST, DOMO

Understanding Customer Lifetime Value: The Key to Long-Term Profitability →

RANJEETA BHATTACHARYA, SENIOR DATA SCIENTIST, BNY MELLON, NYC

Your Data Journey from Compliance to Security: A Roadmap →

TERRY RAY, SVP DATA SECURITY, FIELD CTO & IMPERVA FELLOW IMPERVA

Cybersecurity Risk Management in the Age of AI →

MICHELLE OVANESIAN, ASSOCIATE PROSKAUER ROSE LLP

Generative AI: Inclusive Design →

JOANN STONIER, FELLOW OF DATA & AI MASTERCARD; **FRIDA POLLI**, AI ETHICIST, WEF, AND BOARD ADVISOR, MODAL; **BHUYA SHAKTI**, CHIEF SUSTAINABLE, INNOVATION OFFICER, WALLETMAX

Additional Recommendations

Data Architecture Evolution – The Impact on Analytical Data Platforms →

MIKE FERGUSON, CEO, INTELLIGENT
BUSINESS STRATEGIES LIMITED

Data Infrastructure Through the Lens of Scale, Performance, and Usability →

RYAN BOYD, CO-FOUNDER OF MOTHER DUCK

Ethical Algorithms in Marketing: A State of the Art Review →

JOSE MENDOZA, ACADEMIC DIRECTOR, INTEGRATING
MARKETING, CLINICAL ASSISTANT PROFESSOR, NYU

Under the Hood: Data Engineering behind Industrial Grade GenAI →

SAKET SAURABH, CO-FOUNDER & CEO, NEXLA



Cosmo's Pro Tip:
Use our our Convince Your Boss
letter to explain why you should
be approved to attend.

Download →



**EXPLORE ALL OF THE
SESSIONS AVAILABLE TO YOU.**

[VIEW THE AGENDA](#)

