



Monthly Newsletter

June 2023

DAMA NCR's Chapter Meeting

Chapter meetings are held quarterly, on the second Wednesday of the month. Next Chapter meeting will be on June 14th, 2023 from 17:00 to 18:30; the invitation, presentation details, and agenda for next meeting will be forthcoming. [Register](#) for the virtual event.

Please stay connected and [subscribe](#) to receive the monthly newsletter and emails from the NCR-RCN Chapter.

DAMA NCR Job Postings Forum

DAMA NCR created a [Job Postings Forum](#) to help members advertise available data-related job opportunities within their organizations to the DAMA NCR community. We maintain a distribution list of approximately 200 data community members in the NCR and hope this forum assists in facilitating resourcing demands. Subscribe to the Job Postings Forum to receive updates.

Education & Programs

Visit the Membership Portal's [Resources](#) to access discount codes and the [Upcoming & Past Events](#) page for consolidated events calendar. Login into your account for exclusive access.

DAMA NCR-RCN Store

Welcome to the [DAMA NCR-RCN online store](#). Browse the selection of items available for purchase. DAMA members get a discount on all current books on offer.

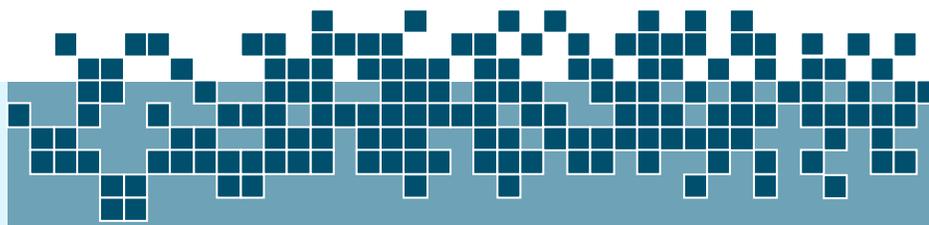
Upcoming Events and Conferences

DAMA NCR-RCN Data and Drinks ([Registration – Free event](#)). Tuesday June 20th, 2023, 18:00 to 20:00 at 10 Fourteen Bar – 1014 Wellington St. West, Ottawa.

DAMA NCR-RCN is hosting monthly social events every third Tuesday of each month. Come join data professionals from the National Capital Region to socialize, strengthen business connections, get fresh ideas, and raise your professional profile.

Data Governance & Information Quality (DGIQ) Conference ([Proposal submission](#)). Washington, DC. December 2023.

Call for presentations for the next Data Governance & Information Quality Conference is now open! [Submit your speaking proposal](#) by July 10, 2023.





Dataiku's Monthly Live Demo ([Registration – Virtual event](#)). Thursday June 15th, 2023.

During this demo, you will see how Dataiku can help analysts create an interpretable ML model to better understand what it might take to win an F1 race and review Dataiku's capabilities around data prep, autoML & self-service analytics.

Deep Learning World ([Registration – In-person](#)). June 18th to 22nd, 2023. Red Rock Casino Resort & Spa, Las Vegas, NV.

This conference will feature expert-led sessions, an exhibit hall and networking opportunities. Some of the topics covered will be deep learning in practice, predictive analytics and maturing AI governance to accommodate generative AI. Cost: US\$2,595, see [agenda-at-glance](#).

Best Practices for Implementing Cloud Data Governance and Catalog ([Register – Virtual event](#)). Tuesday June 20th, 2023. 11:00 AM to 12:15 PM EST.

The session will guide the audience through the key steps and best practices to follow for successful Data Governance and Cataloging in the Cloud.

Generative AI: Emerging Use Cases for Integration ([Registration – Virtual event](#)). Thursday June 22nd, 2023. 11:00-12:00 AM EST.

Generative AI has not only captured the public imagination but also holds the key to transforming the world of application and data integration, which accounts for an estimated 60% of the cost of running and maintaining an enterprise digital landscape.

Data + AI Summit 2023 ([Registration – In-person](#) and [virtual event](#)). June 26th to 29th, 2023. Moscone Center, San Francisco, CA.

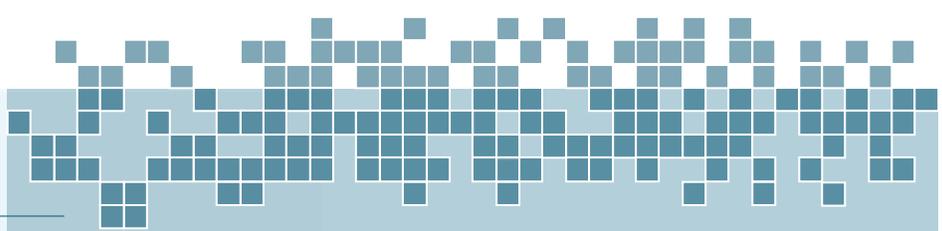
There will be keynotes, technical sessions, hands-on training and networking opportunities built around several tracks. Topics include data analytics, business intelligence and visualization; data engineering; data lakes, data warehouses and data lakehouses; data science, machine learning and MLOps; and data security. Cost: US\$1,795 in person; [free online](#), see [agenda-at-glance](#).

Collision ([Registration – In-person](#)). June 26th to 29th, 2023. Enercare Centre, Toronto.

While not a purely AI-centric event, Collision touches on AI in many contexts. The event draws more than 40,000 attendees from 140 countries. There are more than 20 different content tracks with themes including auto-tech, content makers and corporate innovation. Cost: \$1,068-\$3,949 (include taxes). See [agenda-at-glance](#).

Data Leaders - Strategies for Measuring ROI and Leveraging Insights ([Registration – Virtual event](#)). Tuesday June 27th, 2023. 10:00 to 11:00 AM EST.

Group discussion to delve into: a) Ways to measure the value of your data and metrics to determine the ROI of data investments; b) Examples of using data to drive business impact and determining the ROI of the data investment.





Migrating from On-Prem Data Governance to Cloud Data Governance ([Registration – Virtual event](#)). Wednesday June 28th, 2023 from 11:00 AM to 12:15 PM EST.

The session will cover strategies for migrating from On-prem Informatica to Cloud Informatica, as well as evaluating the significance and preparing the migration of other knowledge bases related to Data Governance.

Data Leaders - Measuring Beyond the Obvious: Calculating Holistic Value of Data in a Global Organisation (Registration – Virtual event). Tuesday July 11th, 2023. 06:00 to 07:00 AM EST.

Join this small group discussion to explore: a) Approaches to measuring business value created by data, exploring various methods and techniques; b) Ways to measure the value of both smaller items and larger projects.

Data Architecture Online conference ([Registration – Virtual event](#)). Wednesday July 12th, 2023.

Join to learn the latest trends in Data Architecture from industry experts who are ready to help you revolutionize the way you approach your Data Architecture projects. See [agenda-at-glance](#).

Ai4 2023 ([Registration – In-person](#)). August 7th to 9th, 2023. MGM Grand, Las Vegas, NV.

Ai4 brings together industry experts to discuss AI and machine learning. There will be several technical tracks, including model interpretability, explainable AI, data privacy and security, productionizing your model, dealing with biased data sets, cloud vs. local environment, unstructured data, deep learning, dealing with legacy systems and reinforcement learning. Cost: US\$1,895, see [agenda](#).

Data Virtualization Lunch Webinar Series - Data Lakes: A Logical Approach for Faster Unified Insights ([Watch-on-demand](#)).

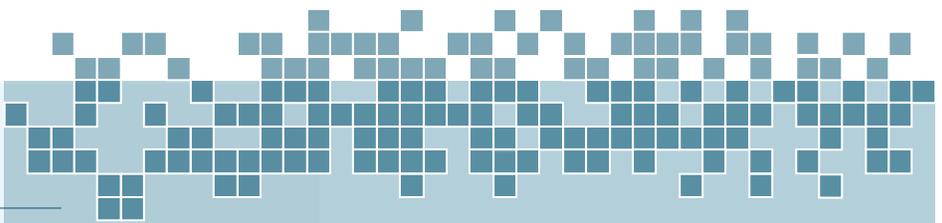
Data lakes and data warehouses offer organizations centralized data delivery platforms. The recent Building the Unified Data Warehouse and Data Lake report by leading industry analysts TDWI we discovered 64% of organizations stated the objective for a unified Data Warehouse and Data Lakes is to get more business value and that 84% of organizations polled felt that a unified approach to Data Warehouses and Data Lakes was either extremely or moderately important.

Data Virtualization Lunch Webinar Series - The Role of the Logical Data Fabric in a Unified Platform for Modern Analytics ([Watch-on-demand](#)).

Given the growing demand for analytics and the need for organizations to advance beyond dashboards to self-service analytics and more sophisticated algorithms like machine learning (ML), enterprises are moving towards a unified environment for data and analytics. What is the best approach to accomplish this unification?

The Evolution of Data Consumption ([Watch-on-demand](#)).

A successful data strategy requires more than just analytics. Glen Rabie, CEO of Yellowfin will discuss how the proliferation of data tools and communication channels are fuelling the evolution of data consumption and provide a guide to getting the right data to the right people at the right time.



Articles

[**Where Does Data Governance Fit into a Data Strategy \(and other important questions\)?**](#) The results of an exercise that can be tailored to match the audiences at different levels of the organization.

[**Who Should Own Data Governance?**](#) One of the first steps organizations take when preparing to deliver a data governance program is to determine where in the organization data governance should be placed.

[**How Does Data Management Drive Efficiency for Organizations?**](#) Data-driven analytics continue to deliver sophisticated solutions for manufacturing efficiency, early disease detection, and smart capabilities building in workplaces.

[**Why Just Collecting More and More Data Is No Longer Productive.**](#) A decade back, when the big data trend began, the mantra was to collect more and more data — then glean insights from it to better understand consumer behavior, market trends, and demand. Even today, big data is key to better decision-making and operational excellence; however, two phenomena challenge the notion of “collect as much data as possible”.

[**A Brief History of Semantics.**](#) Semantics can be used to describe how words can have different meanings for different people because of their experiential and emotional backgrounds. A language can be a natural language, such as French, Dutch, or Hindi, or it can be an artificial language, such as a programming language for computers.

[**How to Prepare Data for AI and ML.**](#) Regardless of how clever the machine or how brilliant the algorithm, the success of intelligence-based solutions is intrinsically tied to the quality of the data that goes in.

[**How Data Automation Is Reshaping Pharma Regulatory Publishing.**](#) Pharmaceutical regulators are facing ever-evolving, complex, and stringent requirements for the regulatory approval of new and existing products on the market. What’s more, as technology changes our ability to capture data from more sources, the volume of data in the life sciences sphere is growing exponentially, creating a challenging data analytics paradigm.

[**The Metaverse Needs to Prioritize AI.**](#) As companies begin to enter the metaverse and shape their activity in the future of the internet, we must look at the fundamental ways by which we’ll connect and interact with each other in this new space. In order to create the connected world that the metaverse is working towards, language and AI-powered translation systems must be taken seriously.

[**How to Solve the Top 10 Cloud Data Lake Challenges.**](#) Data is commonly called “the food for artificial intelligence (AI)”. But in order to extract meaningful insights for faster and better decision-making, both structured and unstructured data must be used to achieve success. This requires an innovative approach to data lake and data warehouse implementation. By integrating cloud lakes into your cloud infrastructure, you’ll see positive outcomes for your organization – and your customers. (DOWNLOAD DOCUMENT)

[**Data Science Metrics: Purpose and Uses.**](#) When one thinks of “metrics” in the context of Data Science, the term might denote raw numbers as in descriptive metrics, qualitative labels as in marketing analytics, or comparative labels as in website analytics.

[**Big Data, Big Responsibility.**](#) By now, we have probably all heard that “every company is a tech company” after the evolution of where and how we work in the previous few years. However, if every company is a tech company, what has become of what we traditionally think of as technology companies?



[How Data Privacy Regulations Can Affect Your Business.](#) Discussion of how data privacy regulations can affect your business and the challenges that make consumer data collection more difficult.

[Developing a Successful Data Science Project.](#) While Data Science practitioners, aspirants, and enthusiasts often get caught up in the business benefits of Data Science, it is equally important to keep a close watch on the common pitfalls that need to be avoided to launch a successful Data Science project.

[Why Data Quality Programs Fail to Deliver Results.](#) According to multiple surveys, executives across industries do not completely trust the data in their organization for accurate, timely business-critical decision-making.

[Merging Fast and Slow Data for a Full View of Human Intent.](#) The digital industry has evolved massively and consistently over the years, often taking off in surprising directions. But one thing has remained constant: The role that data plays in driving business success has only grown.

[A Step Ahead: Federated Data Stores.](#) Government systems produce and store a large amount of data daily. Government leaders want to utilize this data to make decisions faster and more efficiently. It is nearly impossible to make well-informed decisions if that data is not visible, accessible, organized, and cannot be seamlessly discovered across the enterprise.

[Data's Gender Gap: A Data Equity Reading List.](#) Books and articles that provide a solid foundation for you to discuss data equity issues.

[Through the Looking Glass: Suspending Judgement on Synthetic Data.](#) Synthetic Data is, according to Gartner and other industry oracles, “hot, hot, hot.” In fact, according to Gartner, “60 percent of the data used for the development of AI and analytics projects will be synthetically generated.”

[The Book Look: The Data Path Less Traveled.](#) When is an answer “good enough”? There are many areas of data science and AI where we need to be satisfied with an answer that is not perfect and yet still provides business value.

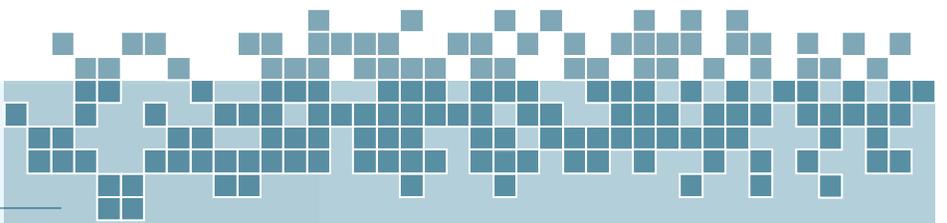
[The Data-Centric Revolution: Incremental Stealth Legacy Modernization.](#) There is a better way to modernize legacy systems. Let me spoil the suspense: it's Data-Centric. We're calling it Incremental Stealth Legacy Modernization because no one is going to get the green light to take this on directly.

[Spotlight: Data Partitioning.](#) The data engineers on those teams are often pleasantly surprised when they discover the powerful partitioning capabilities of the platform, and the precise level of control they have over how Ascend handles data.

[Implementing a Data Mesh: Benefits and Barriers.](#) In a Data Leaders peer discussion, Data and Analytics leaders compare their interpretations of and approaches to data mesh and discuss the arising obstacles when enabling cross-domain data sharing.

[Can IT Run a Data Science Function?](#) Some companies opt to place the data science group in IT – but data scientists approach data and results differently. Can IT adjust?

[Special Report: What's the Environmental Impact of a Data-Driven Organization?](#) Environmental science and technology researchers alike are ardently studying the voracious energy demands and carbon emissions of machine learning and artificial intelligence, searching for "green AI." Efforts like Digital Cleanup Day urge the average user to tidy up their overflowing inboxes to reduce the pressure on hot, panting cloud servers. But





"Green AI" surely will not be green enough. And when data storage gets too tight, most of us respond by loosening the belt on iCloud, OneDrive, or Google Docs and proceeding to gobble data at the same rate as before.

[Should You Consider a Unified Data Model?](#) A unified data model allows businesses to make better-informed decisions. How? By providing organizations with a more comprehensive view of the data sources they're using, which makes it easier to understand their customers' experiences.

[Connecting the Three Spheres of Data Management to Unlock Value.](#) Many organizations have mapped out the systems and applications of their data landscape. Many have documented their most critical business processes. Many have modeled their data domains and key attributes. But only very few have succeeded in connecting the knowledge of these three efforts.

[Achieving Smoother, Quicker Data Modeling.](#) Using the data representations produced by Data Modeling, business teams communicate system requirements and solve design problems before jumping into coding. But top executive managers do not have the patience to wait for a data schema in a volatile economy. Instead, they want everyone to move faster with data and processes, now! How can Data Modeling adapt to these conditions by providing thoughtful and timely information without becoming irrelevant?

[The Future of Data Modeling in Data Governance.](#) The process of Data Modeling is playing an increasingly important role when creating or improving a Data Governance program. Data Governance has become extremely complex, and the use of Data Modeling promotes understanding.

[2023: Mitigating Data Debt by Knowing or by Guessing?](#) One of the newer data buzzwords is "data debt." Actually, it is approximately 10 years old, and it became popular ever since agile people realized that postponing things creates not only technical debt, but certainly also data debt. Will we, in 2023, be better at not creating so much data debt, and will it be because we can come to know stuff easier (knowledge graphs) or will it be because of being able to guess stuff easier and more reliably (ML)? Or both?

[A Guide to Time Series Databases.](#) Time series databases (or TSDBs) are databases that have been optimized for processing time series data. Time series data is made up of data records that are indexed using timestamps. The timestamps provide a reference for each of the data records and show how they relate to one another in time.

[Data Modeling 101.](#) Data Modeling creates a visual representation of a data system as a whole or as parts of it. The goal is to communicate the kinds of data being used and saved within the system. A data model should also show the data's relationships, how the data can be organized, and the formats used.

[Why Metadata Is a Critical Asset for Storage and IT Managers.](#) We live in a data-driven economy, but what lies beneath the data is hidden gold. Metadata, or data that describes data, delivers many benefits for storage and IT managers. Yet metadata is complex, vast, and distributed across hybrid cloud infrastructure.

[Leveraging Data Stream Processing to Improve Real-Time Data Analysis.](#) Data stream processing is rapidly emerging as a critical technology for modernizing enterprise applications and improving real-time data analysis for data-driven applications. As businesses become more reliant on real-time data analysis, data stream processing enables them to analyze and process large amounts of data in real time, providing timely insights and enabling informed decision-making.

