



Monthly Newsletter

November 2023

DAMA NCR's Chapter Meeting

Chapter meetings are held quarterly, on the second Wednesday of the month. Next Chapter meeting will be in January 2024 (date TBC) from 17:30 to 18:30; the invitation, presentation details, and agenda for next meeting will be forthcoming.

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.

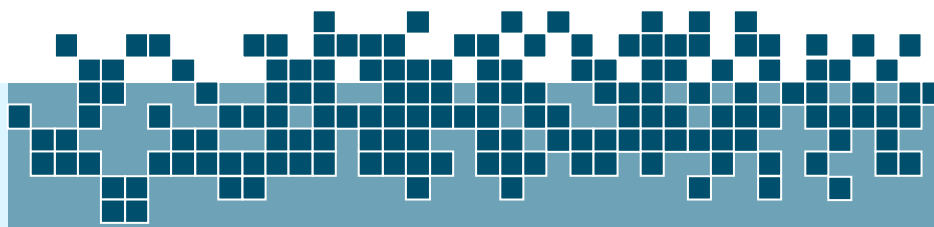
Upcoming Events and Conferences

DAMA NCR-RCN Data and Drinks ([Registration – Free event](#)). Tuesday 21st, 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.

AWS re: Invent ([In-person event](#), [Virtual](#)). November 27 to December 1st, 2023, Las Vegas, Nevada.

Hear from AWS thought leaders about product launches that support generative AI, learn from companies such as NVIDIA on how they build with the new tech, and explore this cutting-edge evolution through demos and workshops. [Agenda-at-glance](#), [virtual option](#) is stream of Keynotes and Innovation Talks only.





How to Select the “Right” Metadata to Govern ([Virtual event](#)). Thursday November 16th, 2023, 14:00 EST.

There are many different types of metadata that exist within your organization’s data landscape. It would be difficult to manage all of them effectively. It makes sense to inventory what metadata you already have, plan for, and select the metadata that will add the most value, and execute on delivering value from the selected metadata.

Bridging the Data Trust Gap ([Virtual event](#)). Wednesday November 29th, 2023, 13:00 EST.

The reality of today’s data teams: trust breaks across tools and teams, with no warning sign. From broken pipelines to column name changes, there isn’t just one way to break trust. The core problem here is the data trust gap.

Building a Semantic Lakehouse for Capital Markets ([Virtual event](#)). Wednesday November 29th, 2023, 14:00 EST.

See how a lakehouse architecture coupled with a modern semantic layer platform democratizes access to large scale data for all consumers using tools like Power BI, Tableau and Excel without needing to move data.

Data Governance and Data Quality, DGIQ ([In-person event](#)). December 4th- 8th, 2023. Washington, D.C., Omni Shoreham Hotel.

At the DGIQ conference there will be five days of the very best and latest in Data Governance and Quality educational content, 15 in-depth tutorials, ranging from introductory level to highly advanced, by world-class experts and successful practitioners, six one- and two-day seminars and workshops covering topics in Data Quality, Data Catalogs, Policy, Stewardship, and more. Check the [agenda-at-glance](#); conference full price: US\$3,995.00+tx.

The Business Benefits of Data Modeling ([Virtual event](#)). Tuesday December 5th, 2023, 14:00 EST.

Data models are key to gaining a clear view of the data that drives the business – from customers to products to invoices and more. They offer a clear, visual way for both business and technical stakeholders to communicate around the crucial business rules and definitions that drive both operational usage of data as well as analytics and reporting.

The AI Summit New York 2023 ([In-person event](#)). December 6th – 7th, 2023. Javits Center, New York Center.

Taking place in the nexus of global commerce, the AI Summit New York is your chance to meet the ecosystem's pioneering tech authorities and get exclusive access to the business leaders driving them. Check [agenda-at-glance](#); conference cost: US\$1,999.00+tx.

The Literacy Experience: Interviews from the Trenches ([Virtual event](#)). Thursday December 7th, 2023, 14:00 EST.

Looking back over 2023, we will learn (the good and the bad) from those who have worked to actively promote literacy. What works? What could work better.

Data Management Best Practices ([Virtual event](#)). Tuesday December 12th, 2023, 14:00 EST.

It is clear that Data Management best practices exist – and so does a useful process for improving existing Data Management practices. The question arises: Since we understand the goal, how does one design a





process for Data Management goal achievement? This program describes what must be done at the programmatic level to achieve better data use and a way to implement this as part of your data program.

Succeeding With Responsible AI ([Watch-on-demand](#)).

Responsible AI is the right thing to do. It ensures that end-to-end model management addresses the specific risks of AI (i.e., discriminatory biases and lack of transparency) in order to operate based on ethical standards and prevent compounding issues in the real world.

Build Your Open Data Lakehouse with Dremio and dbt Labs ([Watch-on-demand](#)).

Data lakes will be the primary destination for growing volumes and variety of data, and more technical and non-technical data consumers will require access to that data for Business Intelligence and reporting workloads.

Articles

[Data Cataloging as the Start of Data Governance.](#) In early 2018, Uber acquired Jump, a bike-sharing tech startup where users can rent dockless scooters and electric bikes to explore major cities. At the same time, stricter data security policies were going into full effect and many companies, including Uber, needed to ensure compliance. Both Jump and Uber collected data on their users, the origin and destination of their trips, and various other pieces of data, which all need to be handled with care.

[Data Governance Drives Outcomes In Healthcare.](#) Over the last decade, there have been more than 4,000 data breaches in healthcare organizations. Unfortunately, a lot of those data breaches come from poorly organized or secure data.

[4 Critical Elements of a Customer-Centric Data Strategy.](#) From the humble data warehouse to the lake and swamp to potentially an ocean of data, take your pick where you want to drown yourself.

[Analytics Governance: The Big Picture.](#) Data Governance applied to analytics, business intelligence (BI), or data modeling is nothing new, but Analytics Governance is somewhat different from Data Governance.

[Data Centric Revolution: Is Knowledge Ontology the Missing Link?](#) Saying that not having KM is bad, and that having it is good, you start to wander into what knowledge is. They tell us that there are three types of knowledge: tacit, implicit, and explicit. Tacit knowledge (how to speak a language, ride a bike or lead a group) is typically not able to be codified.

[Database Management Best Practices.](#) Database management best practices promote the efficient use of data throughout the organization. These practices support the collection and storage of quality data, as well as provide easy access to the data by the appropriate people.

[Centralized vs. Decentralized Identity Management Explained.](#) Learn about centralized vs. decentralized identity management, as well as the advantages and disadvantages of each from two viewpoints: organizations that want to verify user identities and individuals that want to access organizations' resources and services. (DOWNLOAD DOCUMENT)

[Why Good Data Management Matters Now More Than Ever.](#) In the early days of business analysis and underwriting, data was managed with simply a pen and paper and, of course, Excel spreadsheets. As



technology has advanced, databases, warehouses, and data lakes have enabled information to be collected, stored, and managed electronically.

[Why Data Privacy, Data Security, and Data Protection Go Hand in Hand](#). Here is an important truth: There is no data privacy without data protection. Consumers and companies place their trust in the organizations they do business with and trust that their sensitive data will be kept private.

[How Kubernetes Can Help You Weather Regional Disaster Recovery](#). If you are lucky, you only had to worry about managing a data disaster recovery effort once or twice in your career, if at all. However, as the rate and number of natural disasters have increased, the chances of needing to navigate through a worst-case scenario have risen.

[Data Classification Tools: What They Do and Who Makes Them](#). Data classification is an essential pre-requisite to data protection, security and compliance. Firms need to know where their data is and the types of data they hold. (DOWNLOAD DOCUMENT)

[Getting Started with Data Products: A CDO's Guide](#). Implementing a data product strategy through the design and use of a data product is the best way to get more value from your data. But many CDOs and data leaders don't know where to begin. (DOWNLOAD DOCUMENT)

[How Can Digital Identity Programmes Deliver Inclusion While Mitigating Risk?](#) The benefits of digital identity programs are multifaceted. Not only can they deliver a secure, convenient alternative for activities that were once always conducted in person, but they also promise to provide access to vital services for often marginalized groups. (DOWNLOAD DOCUMENT)

[Data Strategy Without Data Literacy? Like Boarding the Titanic!](#) Data literacy is a hot topic with today's data leaders, and many have put budget aside for data literacy training this year, for a good reason. Data literacy is about improving an organization's or individual's ability to make decisions using data.

[Data Literacy Training for Data Engineers](#). It may seem counterintuitive to think of data engineers needing to improve Data Literacy, the ability to read, work with, analyze, and argue with data. After all, data engineers apply technical Data Literacy skills to build and optimize operating systems and pipeline channels.

[All in the Data: Empower Stewards with a Data Governance Toolkit – Part 1](#). Data stewards should not sit around waiting to be told what to do, nor should they be expected to know how to act as formal data stewards.

[All in the Data: Empower Stewards with a Data Governance Toolkit – Part 2](#). Data governance programs must focus on engaging and empowering the organization's data stewards in order to be successful. The data will not govern itself and requires an active steward base. It's all in the data.

[How do I Start a Data Literacy Programme From Scratch?](#) Data literacy is the burning issue that CDAOs can't ignore. They're scrambling to navigate the ins and outs of an impactful program. In a powerful Data Leaders' debate, seasoned data experts joined forces to unveil the essential building blocks of a successful data literacy framework.

[How to Implement a Data culture Programme to Drive Business Transformation?](#) Data culture programmes are designed to unleash the power of data, revolutionising businesses. But their success depends on nailing the programme's structure, measuring its impact, and tailoring it to specific goals. Without these crucial elements, transformation remains a distant dream.

[Overcoming Eight Data Literacy Barriers.](#) Leaders want “everyone, everywhere, and all at once to become highly data-literate, demonstrate a high capability to read, work with, and analyze data.”

[How Automation and AI Will Fill IT Labor Gaps.](#) People who have viewed automation and AI with a sense of dread may be beginning to appreciate how it can reduce the boring, repetitive work that is the bane of their lives. In fact, rather than being a threat to human contributions to the enterprise, automation is a powerful enabler of creative, innovative work.

[Why Data Analysts End Up Playing Data Detective.](#) Many data analysts are getting a raw deal. For all the optimism around cloud-based systems promising to make Data Management easier, analysts often wind up playing detective – battling through huge information stores on the hunt for useful data, instead of running analysis.

[How Automation Is Changing the Compliance Workflow.](#) With over 1.1 trillion MB of data generated daily, you would be hard-pressed to find an industry that is not leveraging data and technology to drive organizational success. And for good reason – from real-time decision-making to better generating visibility into operations, data has become an indispensable part of the business world’s intelligence toolbox.

[What Happens When ChatGPT Becomes Monetized or Goes Away?](#) ChatGPT is getting a lot of press right now and has catapulted artificial intelligence (AI) into the eyes of the general public in a very big way. While it isn’t the first generative AI, it achieved a surprisingly fast rate of adoption and is presenting an interesting look into the future of AI. Some people are already talking about how ChatGPT and other AI tools will replace jobs in the near future.

[What are AI and machine learning trends for 2023?](#) To take full advantage of the benefits of AI and machine learning trends, IT and business leaders will need to develop a strategy for aligning AI with employee interests and business goals.

[You Are Overspending on Cloud and SaaS: Here’s Why and What to Do.](#) The benefits of well-known cloud services and infrastructure are easier to deploy and manage and, typically, are cheaper and more efficient than operating a data center. Those same benefits, however, also introduce the potential for overspending, orphaned resources, and duplicate services.

[Containers vs. Virtual Machines \(and Why It Matters for Data Center Professionals\).](#) Containers are like virtual machines but more flexible and efficient. They provide a way to package applications and all their dependencies into a single, lightweight environment. This makes it easy to move applications between different infrastructure setups without any disruptions.

[Will data centers become obsolete?](#) Cloud has been a big factor in data center considerations for decades - first, just as a glimmer and, now, at center stage. In this article, we will look into why organizations want to simplify their data centers, and what are the options for those looking to offload some applications. (DOWNLOAD DOCUMENT)

[What is a Streaming Database?](#) The fresher the data the better, right? Most companies say yes, but there are cost, complexity, and data tech capability roadblocks that consistently stand in the way of operationalizing real-time data. However, a new breed of databases—specifically streaming databases—are helping data engineering and the broader data analytics teams tackle gaining the benefits of real-time data without stumbling over the traditional roadblocks. (DOWNLOAD DOCUMENT)



[Vendor-Agnostic Multi-Cloud Management Is a True Game Changer.](#) The benefits of cloud migration are well known. Inherent variable cost structures enable businesses to evolve away from the traditional fixed-cost methods of managing IT infrastructure, adopting cloud-first models that are controllable, agile, and secure; enable operations to readily scale as needed; and optimize cost.

[Building Better Insights: Enabling Real-World Data-Driven Drug Development.](#) While recent growth in the market was largely influenced by the COVID-19 pandemic and the need for vaccinations, a need for more robust data and analytics has also contributed to the industry’s rapid development.

[Why Geospatial Data Should Be Easily Accessible for Every Employee.](#) Unlocking the power of geospatial data can give organizations a competitive edge, from optimizing supply chain logistics and enhancing customer experience to mitigating fraud and improving public health outcomes.

[Virginia Beach Using Sensor Data to Respond to Extreme Weather.](#) Data Modeling is the “act” of creating a data model (physical, logical, conceptual, etc.) and includes defining and determining an organization’s data needs and goals. The act of Data Modeling defines not just data elements, but also the structures they form and the relationships between them.

[Understanding Data Mesh Principles.](#) This type of Data Architecture continues to generate interest among corporations, and data professionals will need to become familiar with data mesh architectures, such as those with data lakes or warehouses.

[What is actionable data?](#) To say that data needs to be "actionable" means presenting insights in a way that can be easily leveraged to drive business decisions. Find out what that looks like and how to make your data more actionable.

[Eyes on Data: An Approach to Measure Data ROI.](#) Justifying any significant business investment is challenging. For data managers, the struggle is especially familiar. The difficulty is convincing decision makers to invest in data when measures of data’s value either do not exist or feel too ambiguous to estimate.

[The Impact of Poor Data Quality \(and How to Fix It\).](#) The dangers of poor data quality can cause significant damage to a business. Poor-quality data can lead to poor customer relations, inaccurate analytics, and bad decisions, harming business performance.

[4 High-Impact Data Quality Issues That Are Easily Avoidable.](#) When we talk to prospective customers, their first questions are usually around the fundamentals of data quality, including what it is, how we measure it, what happens when it goes south, and how data quality issues can be prevented.

[How to Become a Data Quality Specialist.](#) First came the data analyst, then came the Data Quality specialist. Data analysts require accurate data to develop business intelligence and, unless someone else is cleaning the data, they must also perform this task.

[Data Speaks for Itself: The Challenge of Data Consistency.](#) Data Quality Management (DQM) has advanced considerably over the years. The full extent of the problem was first recognized during the data warehouse movement in the 1980s.

