



## Monthly Newsletter

January 2023

### DAMA NCR's Chapter Meeting

Chapter meetings are held quarterly, on the second Wednesday of the month. Next Chapter meeting will be on **Wednesday April 12, 2023 at 17:00**; 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 ~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.

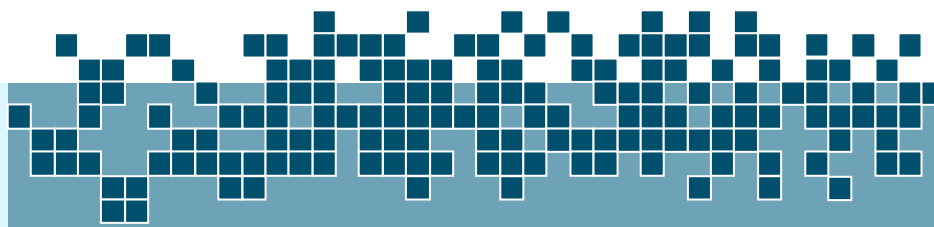
### DAMA NCR-RCN Store

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 January 17, 2023, 6:00-8:00 PM 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.





## 2023 Winter & Spring DAMA Luncheon Session #1 - Adapting data governance to the modern enterprise: a case study by Palantir Technologies, ([Virtual](#)).

**January 24, 2023, 12:05-12:55 PM EST.**

Guest Speaker: Dr. Gregory Richard, Graduate Professional Programs at the Telfer School of Management, University of Ottawa. Dr. Richards just completed an investigation on government organizations. Evidence shows the organizations do not make extensive use of performance information for program management. Literature suggests that the integration of more advanced analytics, beyond raw data, can improve both the use and impact of departmental data.

## Data Governance Trends and Best Practices To Implement Today, ([Virtual](#)).

**January 17, 2023, 2:00-3:00 PM EST**

Discussion of common Cloud data governance best practices – and how to apply them today. Join us to uncover Google Cloud’s investment in data governance and learn practical and doable methods around key management and confidential computing.

## How to Protect Data Under Legal Hold When Applying Automatic Disposition, ([Virtual](#)). January 18, 2023 2:00 PM - 3:00 PM EST

Finally now that large amounts of email and unstructured data are in M365 organizations are ready to apply automated disposition for expired information. Except many of these initiatives are coming to a grinding halt when it is discovered that this automated disposition may violate custodian-based legal holds.

## Data Governance Trends – A Look Backwards and Forwards, ([Virtual](#)).

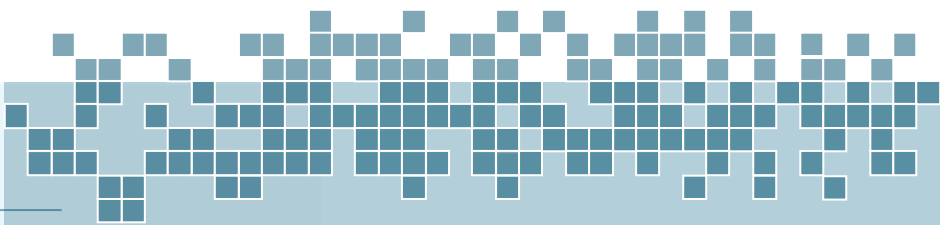
**January 19, 2023, 2:00-3:00 PM EST**

Reflections on the past and what has and has not worked, while sharing examples of enterprise successes and struggles. Focus on: a) Data Governance’s past, present, and future; b) How trials and tribulations evolve to success; c) Leveraging lessons learned to improve productivity; d) The great Data Governance tool explosion; and e) The future of Data Governance.

## Deliver Quality Across Your DevOps Pipelines, ([Virtual](#)).

**January 19, 2023; 3:30-4:30 p.m. EST.**

Simplify quality measurement and tracking. Enhance DevOps integrations and continuous testing capabilities. Key topics include: a) Reduce time to value—Drive innovation throughout your application delivery lifecycle with waterfall, Agile, or hybrid methodologies, and DevOps best practices; and b) Transform at your own pace—Deliver your solution faster without sacrificing quality throughout your journey to Agile.





## Creating a Compliant Privacy Data Retention Policy That Avoids Conflicts and Is Easier to Execute, ([Virtual](#)). January 24, 2023, 3:00-4:00 PM EST

Many companies are creating data retention policies for the compliant retention and disposition of personal information, only to quickly find that stand-alone data retention policies can conflict with other compliance requirements as well as legitimate business needs. Furthermore, companies are finding out that once developed data retention policy execution can be difficult and inconsistent. (register for fee).

## How Vista Scaled its Mesh for Success, ([virtual](#)). January 26, 2023, 8:00-9:00 AM EST

Building a data mesh is one thing. Harnessing its full potential to make data usable to hundreds of people... is another. How can data teams make their mesh a success?

## Emerging Trends in Data Architecture – What’s the Next Big Thing? ([Virtual](#)). January 26, 2023, 2:00-3:00 PM EST

With technological innovation and change occurring at an ever-increasing rate, it’s hard to keep track of what’s hype and what can provide practical value for your organization.

## Live Demo: Embark on Your Trust Journey with Consent and Preferences, ([Virtual](#)). January 31, 2023, 11:00 AM to 12:00 PM EST.

Learn how OneTrust can help achieve your marketing goals. 70% of consumers report that trust is more important now than ever before. Data transparency, particularly regarding consent and preferences, is critical to forming lasting customer relationships.

## The Data Trifecta – Privacy, Security & Governance Race from Reactivity to Resilience, ([Virtual](#)). January 31, 2023, 2:00-3:00 PM EST

Change is hard, especially in response to negative stimuli or what is perceived as negative stimuli. So organizations need to reframe how they think about data privacy, security and governance, treating them as value centers to 1) ensure enterprise data can flow where it needs to, 2) prevent – not just react – to internal and external threats, and 3) comply with data privacy and security regulations.

## How a Semantic Layer Makes Data Mesh Work At Scale, ([Virtual](#)). February 7, 2023, 2:00-3:00 PM EST

Data Mesh is a trending approach to building a decentralized data architecture by leveraging a domain-oriented, self-service design. However, the pure definition of Data Mesh lacks a center of excellence or central data team and doesn’t address the need for a common approach for sharing data products across teams. The semantic layer is emerging as a key component to supporting a Hub and Spoke style of organizing data teams by introducing data model sharing, collaboration, and distributed ownership controls.

## Showing ROI for Your Analytic Project ([Virtual](#)). February 9, 2023, 2:00-3:00 PM EST

This session provides a framework to help technology professionals research, measure, and present the economic value of a proposed or existing analytics initiative, no matter the form that the business benefit



arises. In addition, provide practical advice about how to calculate ROI and the formulas, and how to collect the necessary information.

### **Data Modeling Fundamentals, ([Virtual](#)). February 14, 2023, 2:00-3:00 PM EST**

This event illustrates data modeling as a key activity upon which so much technology and business investment depends. Specific learning objectives include: a) Understanding what types of challenges require data modeling to be part of the solution; b) How automation requires standardization on derivable via data modeling techniques; and c) Why only a working partnership between data and the business can produce useful outcomes.

### **2023 Winter & Spring DAMA Luncheon Session #2 – Using Imperfect Data to Track the Socioeconomic Impact of Mega-Projects, ([Virtual](#)). February 22, 2023, 12:05-12:55 PM EST.**

A large industrial project can re-shape an entire economy. NetBenefit Software builds and manages systems that track the socioeconomic impact of mega-projects. This includes collecting and analyzing over 100 thousand person-years of employment and \$150 billion in procurement spending across 18 thousand companies. Matt Adams and Derek Gould will discuss the challenges of standardization, the impact of incentives on data quality, and the future of socioeconomic tracking

## **Articles**

**[One Data Governance for All.](#)** Data Governance is the execution and enforcement of authority over the management of data and data-related assets.

**[Requirements for Data Governance.](#)** Recording requirements for success is an important first step toward demonstrating the value of a Data Governance program.

**[The 7 Lies of Data Catalog Providers.](#)** The Data Catalog market has developed rapidly, and it is now deemed essential when deploying a data-driven strategy. Victim of its own success, this market has attracted a number of players from adjacent markets. ([DOWNLOAD DOCUMENT](#))

**[How to Evaluate a Data Catalog.](#)** A data catalog fuels a data culture where data and business teams align. Learn what to look for in a data catalog to unite more people with trusted data — and create a community of collaboration. ([DOWNLOAD DOCUMENT](#))

**[Data Management Careers: An Overview.](#)** As more organizations become data-driven, the demand for capable data professionals to support and advance their initiatives has never been greater.

**[Enterprise data catalogs: Seeing the bigger picture.](#)** An overview of how an enterprise data catalog can help your organization manage metadata and curate the necessary information to make data assets easier to discover, manage and consume.

**[Cultivate a Data Culture For Analytics Success.](#)** Imagine working in an organisation where everyone has access to the right data to do their job. Business decisions are guided by facts, not gut feel. All employees use sanctioned analytics tools to uncover data insights. ([DOWNLOAD DOCUMENT](#))



[The Book of Knowledge: Technology Excellence](#). Shifts in business models are happening in a matter of weeks or months, instead of years, causing a digital skills shortage in the workplace. Learn how to achieve technology excellence and accelerate your digital transformation with AI to overcome this shortage. (DOWNLOAD DOCUMENT)

[Complete Guide to Image Labeling for Machine Learning](#). Supervised machine learning (ML) models utilize labels to learn to identify a certain object class within unclassified data. Labels help supervised ML models to associate specific meaning to raw data.

[AI and Machine Learning: Friend or Foe to Mankind?](#) While humans may be the most intellectual creations and sit atop the “food chain,” artificial intelligence (AI) is a branch of computer science that can simulate human intelligence in many cases.

[Data and Analytics Will Create a More Transparent, Fairer Health Care System](#). Consider a picture of data-enabled health care. Health records, insurance claims, and telehealth appointments occur from your phone. Wellness apps track everything from stride length to arrhythmia.

[What Jeopardizes Your Private Data the Most?](#) Breached, leaked, or exposed private data is a cause of worry for any individual or organization.

[How to Correct the Top Reporting Issues That Harm Your Business](#). Agility and flexibility are the keys to succeeding in today’s demanding economy.

[Data Mesh 101](#). From the perspective of agility, both data lakes and data warehouses have limitations when it comes to maintaining and managing various types of data. Enter data mesh.

[How Zero-Party Data Can Build Consumer Trust](#). Essentially, zero-party data is information that individuals proactively and freely supply to companies, so it’s reliable and meaningful.

[Data quality vital signs: Five methods for evaluating the health of your data](#). It’s simple: Bad data quality leads to bad business outcomes. What’s not so simple is knowing whether the data at your disposal is truly accurate and reliable. (DOWNLOAD DOCUMENT)

[Thoughts on Data Literacy & Data Quality](#). Among the recommended practices were identifying the specific type of data quality issue (or issues) you’re facing, prioritizing the needed changes/outcomes, and developing a process to engage users at various points in the data lifecycle.

[Developing Agile Data Warehouse Architecture Using Automation](#). In the past, designing and developing a robust data warehouse that satisfied the need for timely and effective business intelligence (BI) was an overwhelmingly difficult task, as it required significant time, capital, and risk.

[Data Observability for Data Engineers](#). Data engineers play a critical role in powering business analytics, ML, and data products. Their focus is on providing data product owners, data analysts, data scientists and decision-makers with reliable and high-quality data.

[Introduction to Data Technical Debt](#). “Technical debt” refers to the implied cost of future refactoring or rework to improve the quality of an asset to make it easy to understand, work with, maintain, and extend. The concept of technical debt was first proposed in the early 1990s by Ward Cunningham to describe the impact of poor-quality code on your overall software development efforts.



**[Data Protection: An Essential Element of Any Digital Transformation Strategy](#)**. According to an annual cybersecurity report by Cisco, cyber-attacks are more advanced than ever before. Phishing, ransomware, social engineering, and trojans are the most active threats.

**[Analytics Solutions: Applications and Use Cases](#)**. Data and analytics are particularly critical to today's businesses because they improve strategic decision-making.

**[How Behavioral Analytics Can Help Companies Keep More Customers](#)**. Even for the most effective marketing teams, it is impossible to achieve sustainable growth with poor customer retention rates.

**[Make AI & BI Work At Scale](#)**. Learn how top data leaders are leveraging Machine Learning and Big Data Analytics. Each chapter contains practical advice on how to help you accelerate business outcomes with AI and BI across an organization.

**[Selecting an IoT Platform](#)**. When COVID-19 threatened to derail the manufacturing industry, it was Industry 4.0 that saved many manufacturers.

**[Gain a Competitive Advantage with Enhanced Cloud Data Analytics](#)**. 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. (DOWNLOAD DOCUMENT)

**[Logical Data Fabric to the Rescue: Integrating Data Warehouses, Data Lakes, and Data Hubs](#)**. Now that organizations want to become more data-driven, frictionless access to data is crucial. A popular new architecture that supports this approach is data fabric. With a data fabric, existing transactional and data delivery systems are wrapped (encapsulated) to make all the independent systems look like one integrated system. (DOWNLOAD DOCUMENT)

**[The Future of Data Architecture](#)**. Data warehouse, data lake, data lake house: Which data architecture is best for the data-driven enterprise is a subject of ongoing debate. In principle, the approaches follow a similar basic idea: they physically move data to one location to store and prepare it there. In the face of growing data volumes, this large-scale data movement is not a viable concept. (DOWNLOAD DOCUMENT)

**[RBAC vs. ABAC: Future-Proofing Access Control](#)**. Data collection and analysis are integral to the success of modern organizations. What's even more important is making sure that this data, especially when sensitive, doesn't fall into the wrong hands. Learn about: a) The evolution of access control models over time; b) The past successes and struggles of role-based access control (RBAC); c) The current future-proof success of attribute-based access control (ABAC); and d) A head-to-head comparison of RBAC and ABAC in modern use. (DOWNLOAD DOCUMENT)

**[Innovation Insight for Biometric Authentication](#)**. Biometric authentication offers unique advantages over other credential-based methods, but there are still significant hurdles to negotiate. IAM- and fraud-focused security and risk management leaders should choose biometric methods where the benefits can justify the effort.

**[Driving digital transformation](#)**. In this story, Lockheed Martin shares how to unleash innovation by building an information marketplace. The company's mission to “solve complex challenges, advance scientific discovery and deliver innovative solutions” can only be achieved using a rigorous data-driven approach.

