Monthly Newsletter

August 2023

DAMA NCR's Chapter Meeting

Chapter meetings are held quarterly, on the second Wednesday of the month. Next Chapter meeting will be on September 13th, 2023 from 17:30 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 NRC-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 NRC-RCN Store

Welcome to the **DAMA NRC-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 August 15th, 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.

DAMA Days Canada II Conference (**Registration – in-person event**). **Thursday, November 2nd to 3rd, 2023. Ottawa**
Join 30 multiple-track sessions over two days. It will cover all aspects of the Data Management (DM) profession. Data Governance, Data Quality, Data Architecture, Data Modeling & Design, Data Storage & Operations, Data Security, Data Integration & Interoperability, Document and Content Management,

Reference and Master Data Management, Data Warehousing & Business Intelligence, and Metadata. Bonus sessions on Data Monetization, Data Privacy and Data Strategy. Detailed [agenda](#) to come.

Dataversity Demo Day – Data Quality, ([Registration – Virtual event](#)). Wednesday 18th August 2023. 11:00AM to 3:00 PM EST.
A half-day online product-demo event where five sponsors will present their products and services. Dataversity has had many requests from their data-driven community for a vendor-driven online event that gives the data community an opportunity to learn more about the available tools and services directly from the vendors that can contribute to your Data Governance program success.

Data for Impact Series: Investing in Data from the Start ([Registration – Virtual event – Public Service ONLY via CSPS](#)). Tuesday August 15th, 2023, 1:30 – 3:00 PM EST.
High-quality data is a prerequisite for evidence-based decision-making and the delivery of policies, programs, and services that improve outcomes for Canadians. Timely access to high-quality data requires that data resources (people, tools and processes) are planned for and funded from the start of a project.

Elevate Your Data Discoveries and Insights with Domo Visualizations and Integrations ([Registration – Virtual event](#)). Wednesday August 16th, 2023, 1:00 PM EST.
Domo simplifies the whole data pipeline, from ingestion to visualization. See it in action as we use Domo to effortlessly connect, transform, and build custom data visualizations using intuitive drag-and-drop tools. This session will cover: a) How to use dashboards to tell a data-driven story; b) Using Domo Bricks to visualize data in flexible, impactful ways; and c) Write-back data features.

One Data Governance for All – Master Data Included ([Registration – Virtual event](#)). Thursday August 17th 2023, 2:00 PM EST.
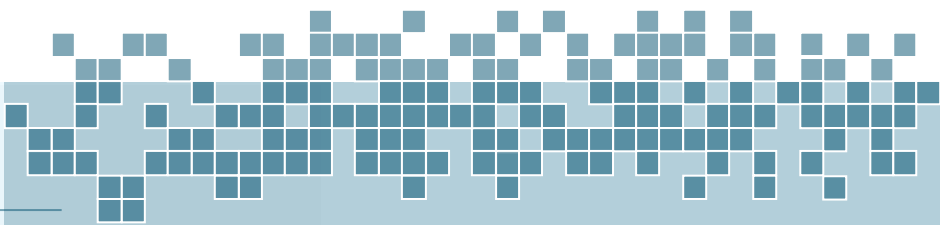Maybe you believe that there is something called Master Data Governance, and that it is significantly different than any other form of active Data Governance. More generalized Data Governance can be targeted at any subset of data – for example … by category (big data governance), by application (analytical DG), or by domain (product DG) … but is it necessary to label it that way?

Unlocking API Excellence for Secure, Compliant, and High-Quality APIs ([Registration – Virtual event](#)). Thursday August 17th 2023, 2:00 PM EST.
APIs are an important tool that connects users to data for any enterprise. But they need thorough and effective governance for security and compliance. Here you will discover how Anypoint API Governance ensures conformance at every lifecycle stage.

MDM Prototype – Mastering an Industry Specific Domain ([Registration – Virtual event](#)). Tuesday August 22nd, 11:00 AM EST.
This webinar is intended for MDM technical practitioners and provides a blueprint for mastering a domain outside of a product, person, or organization. The demonstration will focus on the oil & gas industry, particularly well master, however, the principles discussed can be applied to various domains with complex relationships between customers, locations, and supply chains.

Key Capabilities and Vision for OpenText ValueEdge ([Registration – Virtual event](#)).
Tuesday August 22nd, 11:00 AM EST.
Join the webinar to discover the many possibilities of ValueEdge, including: a) Benefits of using a modular, end-to-end platform like ValueEdge; b) Key capabilities that have been released in the past year, including cutting-edge AI technology; c) How ValueEdge supports your DevOps practices; and d) The vision for ValueEdge going forward.

Data Integration & Enterprise Automation Take Off with iPaaS ([Registration – Virtual event](#)). **Tuesday August 22nd, 2023, 2:00 PM EST.**
You have hundreds of point applications across the enterprise; it's difficult to ensure data integrity and building system-to-system workflows is a challenge. Integrate and transform data between your ERP, CRM, SIS and more with pre-built connectors to systems like Workday, AWS, AD, Azure, Twilio, Ellucian, MUNIS, Salesforce, Sendgrid, Twilio and more.

I Love AI: Smart Context, Intelligent Agents ([Registration – Virtual event](#)). **Wednesday August 23rd, 2023, 2:00 PM EST.**
Experts from Datastax, top AI-driven businesses and open source committers will share their experiences overcoming the biggest obstacles to deliver AI solutions that are accurate and relevant with the scale and data security you need. See [agenda-at-glance](#).

End-to-End Modeling and Machine Learning in SAS Viya for Learners ([Registration – Virtual event](#)). **Wednesday August 23rd, 2023, 2:00 – 4:00 PM EST.**
SAS in partnership with the University of Waterloo, will walk through the stages of the analytics life cycle using the SAS Viya interface. In the workshop, attendees will load data into memory, prepare input variables for modeling and build complex analytics pipelines to demonstrate powerful machine learning models, and then learn how to deploy those models. No prior skills are required and this workshop will assist with learning and research inside and outside the Research Data Centres.
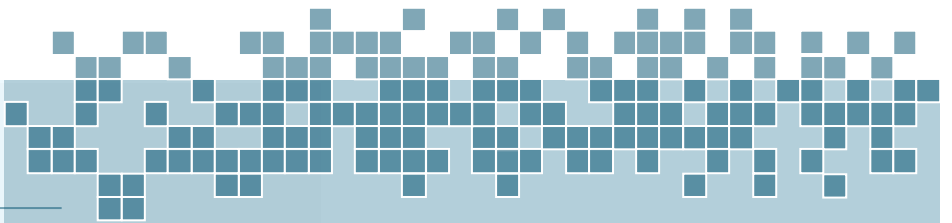
Data Quality Best Practices ([Registration – Virtual event](#)). **Thursday August 24th, 2023, 2:00 PM EST.**
Tackling Data Quality problems requires more than a series of tactical, one-off improvement projects. By their nature, many Data Quality problems extend across and often beyond an organization. Addressing these issues requires a holistic architectural approach combining people, process, and technology.

Tackling Data Risks Head-On: The Potential of Data Virtualization ([Registration – Virtual event](#)). **Thursday August 24th, 2023, 2:00 PM EST.**
In the face of growing data breaches, mitigating risks is paramount for any organization. Explore how data virtualization, which offers a real-time, unified view of dispersed data, can help navigate these challenges. Delve into its ability to eliminate data silos, fostering improved collaboration and decision-making, and ensuring business continuity.

ThoughtSpot Data Lab: AI-Powered Analytics and the semantic layer ([Registration – Virtual event](#)). **Wednesday September 6th, 2023, 11:00 AM EST.**

Experiment with AI-Powered Analytics on your own data in the Data lab. Walk through best practices with technical experts and get all of your next-generation business intelligence questions answered during hands-on technical session hosted in a secure environment.

The Language of Literacy. When We Label People, Does It Help or Hurt? ([Registration – Virtual event](#)). Thursday September 7th, 2023, 2:00 PM EST.

How we talk about literacy impacts how people feel about it. Are your people data aware? Data fluent? Data challenged? Data brilliant? We will profile the language being used and try to make sense of the categories.

Amazon Web Services (AWS) Public Sector Symposium Ottawa ([Registration – In-person event](#)). Thursday September 7th, 2023, 8:00 AM – 5:00 PM EST. The Shaw Centre, 55 Colonel By Dr., Ottawa, ON K1N 9J2

Discover how teams like yours are leveraging the cloud to innovate and streamline their data management processes. Dive deep into 25+ sessions focused on data and analytics, disaster recovery, and infrastructure modernization. Learn from leading innovators like Col. Chris Hadfield and Bratin Saha, AWS Vice-President of AI and Machine Learning. See [agenda-at-glance](#).

IntelliSys 2023 ([Registration – In-person and virtual](#)). September 7-8, 2023. Amsterdam, The Netherlands.

This event will feature sessions led by industry experts, presentations by researchers from more than 50 countries and networking opportunities. There will be four conference tracks, including AI, machine vision, robotics and ambient intelligence. Approximate cost: $500 virtual, $783 (converted from British pounds, does not include 20% tax).

The Agile Data Management and Analytics Conference ([Registration – In-person event](#)). September 12th – 14th, 2023. Boston Park Plaza, Boston MA, USA.

Exchange expertise and stories experienced in the logical data management ecosystem. Hear firsthand from leading technology leaders, including data scientists, data engineers, cloud architects, enterprise architects, and business leaders about their experiences architecting and building modern data infrastructures. See [agenda-at-glance](#).

Data Hero Summit ([Registration – Virtual event](#)). Thursday September 14th, 2023, 12:00 – 7:00 PM EST.

Hear from heroes across the world who are defeating complex data challenges, delivering outcomes, and shaping the future of data management. Get tactical takeaways, big ideas, and secret sauce from data heroes like you. Covering strategic topics for all types of data heroes: a) Data Governance; b) Data Fabric; c) Master Data Management ; and d) Data Strategy Leadership.

Organizational Change Management: Will It Hold Back Artificial Intelligence Deployments? ([Registration – Virtual event](#)). Thursday September 14th, 2023, 2:00 PM EST.

The disparity between expecting change and managing it – the "change gap" – is growing at an unprecedented pace due largely to artificial intelligence. Investments in artificial intelligence will only pay off if paired with organizational change management. Managing this transformation is key to AI success.

Enterprise Data World (Registration – In-person event). **September 18-21, 2023 The Westin Anaheim Resort, CA, USA.**
Whether you're starting out on your data analytics journey, or adjusting mid-course, the Enterprise Data World (EDW) educational agenda gives you access to the very best teachers in the industry. See agenda-at-glance.

Articles

Centralized vs. decentralized identity management explained. With decentralized identity, organizations can worry less about data security and privacy, while users get more control over their information. But it's not without challenges.

Saving a Failing Data Governance Program. Data Governance programs tend to take a long time to get started, to gain momentum and to demonstrate measurable value to the organization.

Designing Data Governance. One of the key connection points to the business is the existence of a governance council that aligns the program to the business and is a conduit to communicating across the organization.

Creating and Implementing a Metadata Strategy. Developing a metadata strategy is necessary for a growing business to maintain and improve efficiency. Metadata is a small amount of data that is used to identify a larger collection of data (images, text, files, digital objects).

Zen and the Art of Data Maintenance: Don't Integrate, Don't Separate – Indegrate. One of the most common and important dialogues is when the enterprise data architect expresses the need to integrate and the project manager is completely focused on developing their specific application.

Zen and The Art of Data Maintenance: Ways Data Pros Can Help the Environment. Each person is like a cell within a body. Each cell is part of the whole that makes a person. Likewise, each person is part of the whole that makes the earth.

Metadata Management vs. Master Data Management. Businesses rely on knowing their data to survive and grow. Metadata management and master data management (MDM) provide essential processes for organizations to gain this knowledge and succeed. As a result, both need to be managed well. However, the differences and intersections between metadata management vs. master data management are often complicated to disentangle for many enterprises seeking to better leverage and govern their extensive data assets.

Data Scientist vs. Data Engineer. It was thought a few years ago that 2018 would amount a huge demand-supply gap in the Data Science market as supply would fail to keep pace with the rising demand for expert data scientists. However, the buzz from Gartner, which said more than 40 percent of Data Science tasks would be automated by 2020, changed all that.

Data Ethics – From Abstract to Action. It is not surprising businesses are starting to sit up and take note of data ethics. The headlines provide a stark reminder of why it's important.

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.

How AI and RPA Work Together to Simplify Business Processes. As more businesses embark on digital transformations and begin exploring ways AI can be utilized, combining AI with robotic process automation (RPA) stands out as a way to unlock a massive return on investment.

Centralized vs. decentralized identity management explained. With decentralized identity, organizations can worry less about data security and privacy, while users get more control over their information. But it's not without challenges.

Autodesk uses the Denodo Platform as a Logical Data Warehouse. Autodesk created a single, unified enterprise access point for any data used within the company by using Denodo data virtualization as a logical data warehouse. Download this case study to learn how this strategy successfully transformed their revenue model from perpetual licensing to subscription based licensing and improved their entire organization's agility, performance and profitability. (DOWNLOAD DOCUMENT)

The Data-Centric Revolution: Headless BI and the Metrics Layer. Trends are in the center of someone's field of view, and there are people out there who make a living tracking technology trends.

The Data-Centric Revolution: Avoiding the Hype Cycle. Gartner has put "Knowledge Graphs" at the peak of inflated expectations. If you are a Knowledge Graph software vendor, this might be good news. Companies will be buying knowledge graphs without knowing what they are.

The Data-Centric Revolution: The Role of SemOps (Part 1). The basic idea is how can we create a pipeline to go from proposed enterprise ontology or taxonomy enhancements to "in-production" as frictionless as possible.

The Data-Centric Revolution: The Role of SemOps (Part 2). The rise of Knowledge Graphs, Semantics and Data-Centric development will bring with it the need for something similar, which we are calling, "SemOps" (Semantic Operations).

Data Integrity: The Last Mile Problem of Data Observability. Data quality issues have been a long-standing challenge for data-driven organizations. Even with significant investments, the trustworthiness of data in most organizations is questionable at best. Gartner reports that companies lose an average of $14 million per year due to poor data quality.

The Data-Centric Revolution: Data-Centric vs. Centralization. Centralization replaces a lot of siloed systems with one centralized one. This achieves several things. It gets all the data in one place, which makes querying easier. All the data conforms to the same schema (and single shared model).

The Data-Centric Revolution: The Sky is Falling (Let's Make Lemonade). IDC predicted that IT spending will drop by 5% due to the COVID-19 pandemic. In June 2020, Gartner went further by predicting that IT spending would drop by 8% or $300 Billion. (Expect a prediction bidding war.) Both were consistent: highest hit areas would be devices, followed by IT service and enterprise software.

Data Warehouse vs. Data Lakehouse. The phrase "data warehouse vs. data lakehouse" offers an exciting topic for ongoing debate in the global Data Management world. While businesses have relied on traditional data warehouses for storing structured and semi-structured data for years, the more recent technological solution of the data lakehouse is growing in importance because of its unique ability to provide structure to raw data.