Monthly Newsletter

February 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 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 ~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.
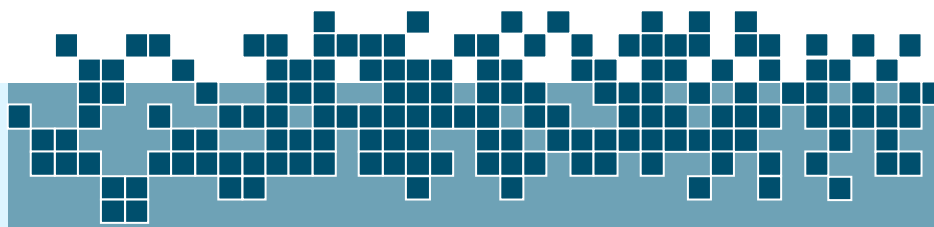
Education & Programs

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.

Interested in enhancing your professional credibility and expertise, while networking with data management professional across Canada? DAMA Canada is hosting it's 2023 Certified Data Management Professional (CDMP) Study Group.

This year' study group will run every Wednesday starting on February 15th until May 17th 2023 (14 sessions) from 19:30 to 21:00. For registrations details, see **Upcoming Events and Conferences** below.

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 Canada's 2023 CDMP Study Group, (Virtual).

Wednesday, February 15, 2023 - Wednesday, May 17, 2023 (14 sessions), 19:30 to 21:00 (EST).
Join data professionals from across Canada in an online environment to prepare for the Data Management Fundamentals Exam - the exam required to earn your CDMP certification (Associate). Registration required, Members $50.00, non-members $125.00; once registered, the link to the sessions will be provided to participants.

DAMA NCR-RCN 2023 Lunch and Learn Session #2, (Virtual – free event).

Tuesday February 21, 2023, 12:05 to 12:55.
Matt Adams and Derek Gould will present **"Using Imperfect Data to Track the Socioeconomic Impact of Mega-Projects"**. 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. This session will discuss the challenges of standardization, the impact of incentives on data quality, and the future of socioeconomic tracking. Free event, the session will be recorded. The recording and presentation will be available only to DAMA NCR-RCN members.

DAMA NCR-RCN Data and Drinks, (Registration – free event).

Tuesday February 21st, 2023, 6:00 to 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.

7th Annual GC Data Conference 2023: Leveraging Data to Advance Innovation, (Virtual). **February 22-23, 2023, 10:30 to 16:30 EST.**

The conference serves as the primary forum for public servants and data leaders to share awareness in order to advance Canada's commitments to provide higher-quality data, insights and services to all.

With a theme centred on "Leveraging Data to Advance Innovation", the GC Data Conference 2023 will explore key topics related to using data to expand innovative methods, integrating social and ethical practices, and enabling collective change. Registration required for the two-day event.

Data Science Network's Meet the Data Scientist, (Virtual). **Thursday February 16th, 2023, 2:00 to 3:00 PM EST.**

From Statistics Canada: The Data Science Network (DSN) invites you to Meet the Data Scientist, a monthly opportunity to meet the authors of the DSN's recently published articles and ask them about their findings. MS Teams – link to be provided to the registrants by email.

Successful Data Governance: People, Process, Mindset, (In-person). Thursday February 16th, 2023, Amsterdam, Netherlands, 8:30 am - 4:00 pm CET.

Most data leaders today are on a journey to make data governance second-nature within their organisation. Organisations differ in maturity and application of data governance. Yet the topics addressed are common across the board. (Registration required).

Government Keynote: Unlocking Tools and Strategies to Drive Innovation and Modernization: Hillary Hartley, (Virtual). Wednesday February 22nd, 2023.

As Ontario's Chief Digital Officer, Hilary partners with government ministries in delivering major digital projects. Registration to Public Sector Network events is complimentary and exclusive to Public Sector employees only.

Ways to build a Digital Culture in Government, (Virtual). Thursday, February 23, 2023 10:00am to 11:30am EST.

Transforming an organization into a Digital Culture is key to future proofing the success of an organization. During this session, Roy Nader will share what he's learned to inspire and empower employees to adopt a Digital Culture. Registration required, webinar link will be sent a couple of days in advance of the session.

Recognizing Data Bias, (Virtual). February 28th, 2023, 10:30 to 12:00 EST

From the Canada School of Public Service: This event builds upon past discussions to further the conversation on how to identify, prevent and correct data bias, while considering privacy, equity, ethics and security at all times. Speakers share concrete tips on how to get the most out of your data, while ensuring that the data is used in a way that benefits all citizens. Rebroadcast event, requires registration.

Subsurface. The Data Lakehouse Conference, (In-person and Virtual). March 1-2, 2023. San Francisco, London, New York.

Explore the latest open source innovations in the open data lakehouse ecosystem and share real-world use cases. Hear firsthand from technology leaders at companies such as Apple, Uber, Bloomberg, AWS, and Microsoft about their experiences architecting and building modern cloud data lakes.
Learn how to innovate with open source technologies such as Apache Arrow, Apache Iceberg, Nessie, Delta Lake, Airflow, Dagster, Apache Superset, Apache Druid, Apache Ranger, and more. (Free virtual event, registration required).

Moving your Oracle data warehouse to Snowflake: See how to streamline your migration and maximize this modern platform, (Virtual). Thursday, March 2nd, 2023, 11:00 a.m. EST.

Danny Sandwell, Quest senior solutions manager, will address how you can enhance and assure your move from Oracle to Snowflake.

Who Should Own Data Governance – IT or Business? (On-demand webinar).

Who owns and manages data governance in your organization? Does IT own it, or does it reside with a line-of-business group? Bob Seiner, discusses and answers the question of whether IT or the business should own and manage data governance.

Data Management vs. Data Governance Program, (On-demand webinar).
The differences between a Data Management and a Data Governance program as well as the importance of both.

Building a Data Strategy – Practical Steps for Aligning with Business Goals, (On-demand webinar).
How to build an effective Data Strategy.

Automating Data Policies: Retention, Classification, Minimization, and More, (On-demand webinar).
As businesses rely more heavily on the processing of personal data to create value, enforcement of data retention, classification, and minimization policies becomes more challenging for privacy and governance professionals. Learn how to automate data policy enforcement and policy violation remediation.

Articles

The OneTrust Guide to Unstructured Data. Structured and unstructured data are both integral parts of a company's data ecosystem. Understanding the fundamental differences between these types of data is critical to having an effective data governance solution across your organization. The OneTrust Guide to Unstructured Data will help you: a) Understand the challenges unstructured data poses to your organization's data governance policies; b) Learn more about possible solutions to mitigate the risks of unstructured data; and c) See examples of how different organizations have dealt with their unstructured data environments effectively. (DOWNLOAD DOCUMENT)

SaaS at Work: Data-Driven Collaboration in Distributed Workplaces. In the last few years, entropy has reigned supreme, but cloud-based tools have helped business workers maintain a sense of order.

The Data-Centric Revolution: Detour / Shortcut to FAIR. The FAIR principles for data sets are gaining traction, especially in the pharmaceutical industry in Europe. FAIR stands for: Findable, Accessible, Interoperable and Reusable.

Steps to an Effective Data Governance Structure. The quality of data used in business is more important now than ever before.

The 3 Pillars of Effective BI Governance. This article covers the critical aspects of implementing Business Intelligence governance across the organization.

Discover a powerful semantic layer solution for modern data and analytics. Overview for a clear understanding of where AtScale's semantic layer fits in your analytics stack to drive smarter data-driven decisions. (DOWNLOAD DOCUMENT)

The Ultimate Guide to Data Lineage for the Finance Industry. The consequences of making a mistake or taking too long are that people are going to lose time and/or money. The ability to give quick, clear answers without compromising on accuracy is the key to success in Grand Central Station – and no less so for success as a data professional in the finance industry. (DOWNLOAD DOCUMENT)

Data Management Services Help Your Business. Technology is making it easier and easier to run a business, but sometimes you must step back and look at the big picture.

Improving Customer Experience with Data Storytelling. Each day, one in four health care customers becomes stuck in their customer journey, unable to resolve their issue. This situation creates tremendous frustration for the customer; even worse, the customer might give up, switch providers, or miss a treatment or therapy, risking their health and leaving with a negative customer experience.

Essential Requirements for an Analytics Platform. Learn how to: a) What the strategic building blocks of analytics adoption look like today; b) How to enhance the analysis process with augmented analytics; c) Why dashboards and reporting are still as important as new-wave AI; and d) Why data governance is vital to unlock true self-service analytics for everyone. (DOWNLOAD DOCUMENT)

How to Transform Customer Experience with Explainable AI. Companies collect all types of data from customer interactions, use that data to build AI/ML models, and apply those models for better customer engagement, personalization, and retention.

Modern Data Architectures for Dummies. Build confidence in your data strategy, learn how to: a) Modern data architectures 101: what it looks like, top benefits and emerging trends; b) The three flavors of modern data architecture: MDS, data fabric and data mesh; and c) How to use your cloud-based and hybrid data more effectively. (DOWNLOAD DOCUMENT)

Key Components of a Data Sharing Platform. Companies are increasingly focused on finding ways to connect to new and valuable sources of data in order to enhance their analytical capabilities, enrich their models, or deliver more insight to their business units.

What Happens When Your Cyber Defenses Are Breached? Information Security professionals tend to focus on network, cloud, application, and IoT security along with perimeter defense. These are essential and provide a high degree of protection for systems and files.
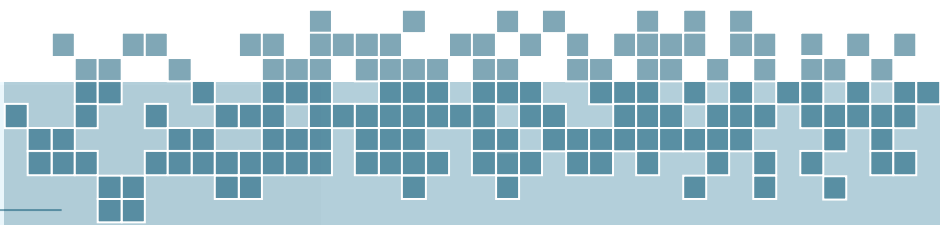
Introduction to Data Technical Debt. "Technical debt" refers to the implied cost of future refactoring or rework to improve the quality of an asset to make it easy to understand, work with, maintain, and extend.

Should We Consider Banishing CIOs? "First thing we do, let's banish all of the CIOs." Too harsh? Shakespeare was much harder on lawyers. But the reality is, IT is a mess. Yes, it is. Judged by any performance measure we would apply to other groups within any enterprise, it is.

Unstructured Data Management Predictions for 2023. IT leaders will place their bets on strategic cloud and analytics investments – two areas where there is ample proof of cutting costs and delivering insights that can create new value from unstructured data, leveraging the affordable power of cloud compute.

Through the Looking Glass: Care of the Soul of Data. In the early 1990's that the hot management trend was "self-directed teams." Its main attraction to executives seemed to be as an excuse to lay off lots of managers, because with the right training, a group of employees could manage themselves.

Sustaining Adaptive Oversight. The word "oversight", has two mirror meanings. The usual meaning, most frequently encountered, is that of observing something in broad context. The often neglected meaning, as in "we've had an oversight", refers to missing or failing to notice something. This dual meaning makes oversight more attractive to us than governance.

Avoiding a Data Catastrophe. A crucial flaw in the initial design and/or changes made to that design during construction. They say, when building big, every component, no matter how small, is crucial. Could we not say the same about the industrial data value chain?

Data Quality Pushdown for Snowflake. Announcing an exciting new feature – Data Quality Pushdown for Snowflake. The purpose of this feature is to create a faster and easier time to value for data quality users who are also using cloud databases. The new cloud-native vendors are showing workloads that can scale to hundreds of concurrent jobs, with auto-scaling and other functionality.

Creating a Vision for Data Integration Modernization. Data is considered by some to be the world's most valuable resource. Going far beyond the limitations of physical resources, data has wide applications for education, automation, and governance.

Preventing Continuous Integration Pipeline Leaks. The notorious SolarWinds hack of 2020 sent shock waves across the software as a service world. In the attack, hackers gained access to the development pipeline for a SolarWinds financial management product— Orion.

Are Data Lakehouses Secure and the Best of Both Worlds? As we enter a new cloud-first era, advancements in technology have helped companies capture and capitalize on data as much as possible. Deciding between which cloud architecture to use has always been a debate between two options: data warehouses and data lakes.

Getting Executive Buy-In for Data Analytics. Data analytics is an iterative study of data in an organization, focusing on applying statistical and other techniques to uncover insights that may help to promote innovation and the financial performance of a business.

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. This requires an innovative approach to data lake and data warehouse implementation. (DONWLOAD DOCUMENT)

Sizing the Sensor Data Analytics Market. We all are aware of data analytics, which is a process of analyzing raw data and presenting it in a form to draw out a conclusion from the information gathered. But the question proposed in the beginning doesn't comply with this data analytics.

AI Meets Data Access Governance. Data is the viral sensation crashing the data governance capacity. Use of data is disrupting industries, economies, even some government elections. Unlocking the secrets data holds is the number one challenge in every single company regardless of the size or industry.

Building A DataOps Foundation For Agile Data Analytics. DataOps helps to improve processes throughout the data lifecycle – from initial collection and creation to delivery to the end user, but implementing the methodology requires effort. Download this special report to learn the ten key tenets for a successful DataOps implementation. Learn: a) What is DataOps? b) Ten key tenets for successful DataOps implementation; and c) How to achieve a quantum leap in DataOps impact and ROI with Incorta's Unified Data Analytics Platform. (DONWLOAD DOCUMENT)

Digital Sovereignty – Trust in the Internet of People, Places and Things. The transformation of industry and society is leading to the proliferation of "digital twins"— i.e., virtual representations of physical objects.