DAMA NCR-RCN

Monthly Newsletter

April 2024

DAMA NCR's Chapter Meeting

Chapter meetings are held quarterly, on the second Wednesday of the month. Next Chapter meeting will be on **June 12, 2024 from 17:30 to 18:30**; the invitation, presentation details, and agenda for next meeting will be forthcoming. **Register** for the virtual event.

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.

Co-op Students
Algonquin College' School of Advanced Technology is a leading institution in Canada, renowned for its innovative programs and industry-focused education. It offers a diverse range of cutting-edge programs, in rapidly evolving fields such as Information Technology, Engineering Technology, and Applied Science.

Co-op students are available for co-op work terms in the Winter (January – April) Summer (May-August) and Fall (September- December). Work terms paid, full-time hours, and either 4 or 8 months depending on the program. These terms can be in-person, hybrid or fully remote.

Co-op students are available from the fields of Data Management, Business Intelligence, Computer Engineering, AI Software Development, Cloud Development, and more. Students learn to collect, analyze, and interpret data effectively, using industry-standard tools and techniques for careers as data analysts, database administrators, and business intelligence specialists in diverse industries.

For more information, go to **Co-op and Career Centre** and contact Rob Kay, Industry Engagement Specialist, at kayr@algonquincollege.com.

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 2024 Certified Data Management Professional (CDMP) Study Group. This year' study group will run every Wednesday starting on February 21st until May 22nd 2024 (14 sessions) from 19:30 to 21:00.

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 2024 CDMP Study Group (Virtual). Wednesdays, from February 21 to May 22 , 2024 (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 $150.00; once registered, the link to the sessions will be provided to participants.

DAMA NCR-RCN Data and Drinks. Tuesday April 16th, 2024, 18:00- 20:00 at
10Fourteen Bar – 1014 Wellington St. West, Ottawa.
DAMA NCR-RCN hosts social events every third Tuesday of each month. Join data professionals from the National Capital Region to socialize, strengthen business connections, get fresh ideas, and raise your professional profile.

Enhancing Tagging and Data Reduction in the EDR Event Pipeline (Virtual). Friday April 5th, 2024, 14:00 EDT.
The project states efforts to enhance the tagging and data reduction capabilities in the EDR event pipeline. The focus is on optimizing data volume while ensuring effective detection and hunting of potential security threats.

Effective Ways to Turn Analysis Into Action (Virtual). Friday April 5th, 2024, 13:00 EDT.
All companies want to be data-driven and leverage their analytics into better decision-making and action to improve business performance. Companies build many dashboards, but the business still struggles to understand their performance and take action to improve performance.

Data Modeling Essentials: Data Analysis and Design for BI and Analytics Solutions (Virtual). Monday April 8th, 2024, 10:00 – 18:00 EDT.
This data modeling techniques course explores different situations facing data modeling practitioners and provides information and techniques to help them develop the appropriate data models.

Reference vs. Master Data Management (Virtual). Tuesday April 9th, 2024, 14:00 EDT.
Data tends to pile up and can be rendered unusable or obsolete without careful maintenance processes. Reference and master data management (MDM) has been a popular Data Management approach to effectively gain mastery over not just the data but the supporting architecture for processing it.

Data Mesh for Highly Regulated Industries: One Size Does Not Fit All ([Virtual](#)). Tuesday, April 9th, 2024, 12:00 EDT.
Interest is growing in the data mesh approach—an organizational and architectural approach to share, access, and manage analytics data in complex and large-scale environments where data ownership is decentralized and each domain owns its own data.

Agile, DataOps, and Data Team Excellence ([Virtual](#)). Wednesday, April 10th, 2024, 12:00 EDT
Data analysts, data scientists, AI/ML engineers, and data engineers are already working in teams to deliver insight and analysis, but how do you get the team to support experimentation and insight delivery without ending up in a big mess?

Ensuring Excellence in AI: The Critical Role of Data Governance ([Virtual](#)). Wednesday, April 10th, 2024, 12:00 EDT
Data quality is not simply about preventing "garbage in, garbage out" scenarios but rather understanding and sustainably managing the changes to mission-critical data that powers and enriches AI models. Data governance is instrumental in ensuring that the data feeding these models is appropriate, accurate, and relevant, thereby enabling reliable and ethical AI outcomes.

Build a modern data platform with Informatica & Databricks ([Virtual](#)). Wednesday, April 10th, 2024, 13:00 EDT
Learn how to build a modern cloud data platform with Informatica and Databricks, and discover how to move to the cloud up to 8X faster, reduce costs by 50% and reuse 100% of PowerCenter assets.

Data Universe ([In-person](#)). April 10-11, 2024. North Javits Center, New York City.
An unique opportunity to participate in an internationally-minded data and AI event. Connect with ecosystem partners, expertise, and insights to help your organization grow. Featuring content designed with global perspectives and impact in mind. US$$1,500+ tax, registration offers 2 days admission to Data Universe 2024. [Agenda-at-glance](#).

DATAVERSITY Demo Day – Data Quality ([Virtual](#)). Thursday, April 11th, 2024, 11:00-15:45 EDT.
An online exhibit hall that gives an opportunity to learn more about the available tools and services directly from the vendors that could contribute to a Data Governance program's success.
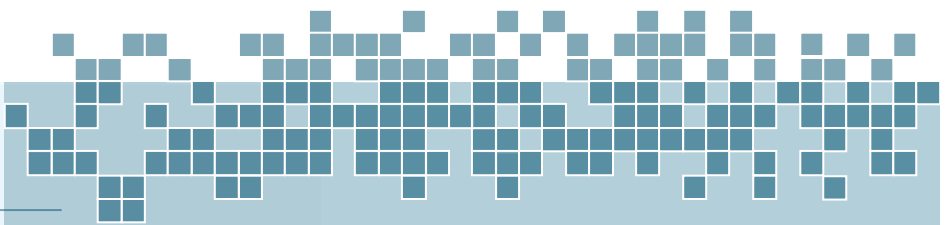
Metadata Management's Impact on Data Governance ([Virtual](#)). Thursday, April 18th, 2024, 14:00 EDT.
Explore the powerful synergy between metadata management and Data Governance to elevate your governance efforts to new heights. Learn how to leverage metadata management to strengthen your Data Governance framework and ensure data-driven success.

Data Literacy 2.0: Operational Practices ([Virtual](#)). Friday, April 19th, 2024, 13:00 EDT.
Learn: 1) How to tailor your approach to data literacy; 2) Data Strategy dependency; 3) How Data Literacy integrates with your Data Governance program; 4) How to select personas and use them to build the case for Data Literacy; and 5) How to select participants and plan for their journey.

Semantic Layer Summit ([Virtual](#)). Wednesday, April 24th, 2024, 10:00-15:30 EDT.

Hear practical advice and best practices from top data leaders, technologists and industry experts in Enterprise Analytics, BI and Generative AI.

How Generative AI Empowers Teams in Data Access and Collaboration ([Virtual](#)). Wednesday, April 24th, 2024, 14:00 EDT.
In-depth exploration into how Generative AI serves as a catalyst in dismantling data silos, nurturing collaboration, and facilitating seamless access and sharing of critical information.

World Wide Data Vault Consortium 2024 ([In-person](#)). April 28th- May 3rd, Stoweflake Resort & Spa Stowe, Vermont USA.
The 10th Annual World Wide Data Vault Conference (WWDVC) brings together analytics experts from all over the world – an immersive experience designed to elevate expertise, expand networks, and inspire innovation in the world of data warehousing and analytics. US$1,140.31 (tax included). [Agenda-at-glance](#).

TDWI Transform24 ([In-person](#)). April 29th- May 1st, 2024. Swissôtel Chicago.
The TDWI masterclass is a full- or half-day class of the highest quality, focused on practical education delivered by renowned practitioners in the field. There are more than 45 masterclasses across five categories to choose from.

Modern Data Leader's Sumit – Modern Data Management ([In-person](#)). April 29th- May 1st, 2024. Swissôtel Chicago.
A comprehensive 2.5-day summit designed for data and business leaders, focusing on preparing data architecture and infrastructure for the demands of advanced analytics and AI in 2024.

Subsurface LIVE 2024 ([Virtual](#)). May 2-3, 2024.
Subsurface LIVE is the industry's premier cloud data lakehouse conference, featuring some of the most exciting, innovative speakers and open source projects propelling today's cloud data lake ecosystem.

Data Zones for All Consumers ([Virtual](#)). Friday May 3rd, 2024, 13:00 EDT.
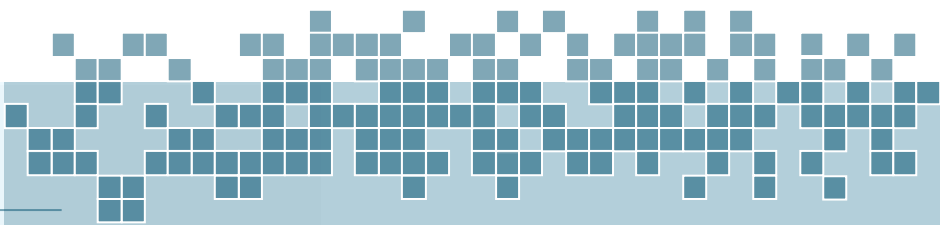An important feature of Modern Data Architectures for Analytics is the concept of data zones, areas of data storage that satisfy diverse types of data consumption.

Articles

[Data Governance: The Oft-Overlooked Pillar of Strong Data Quality](#). What are the most common causes of Data Quality issues? The conventional answer to that question includes problems like inaccurate data, duplicate data, or data containing missing values.

[Where Data Governance Must Focus in AI Era](#). In today's rapidly changing and advancing world of artificial intelligence (AI), generative AI, and large language models (LLMs), data has become the lifeblood of innovation. Data fuels algorithms, powers decision-making processes, and shapes the future impact of technology.

[Women in Data: Meet Classification Guru Susan Walsh](#). Susan Walsh didn't always aspire to be a data classification expert. But after spending a decade honing her skills – cleaning and classifying erroneous data – she founded her consultancy, The Classification Guru, in 2017.

Metadata Management Best Practices. Using metadata management best practices helps to maximize the value of the data stored by an organization. Finding the right data after it has been placed in storage can be difficult if the storage system has no organization. Metadata is used to organize the data so it can be found easily.

Transforming Data Management with AI-Driven Data Catalogs. In today's data-driven world, where every byte of information holds untapped potential, effective Data Management has become a central component of successful businesses.

The Key Components of a Successful Data Lake Strategy. Data lake, by combining the flexibility of object storage with the scalability and agility of cloud platforms, are becoming an increasingly popular choice as an enterprise data repository.

How Data Governance and Data Literacy Overlap. "We depend on data, compare data, react to data, debate data, and celebrate the results of data." But using data all the time and being data-literate – knowing how to effectively read, write, work with, analyze, and communicate with data – are not the same. To improve Data Literacy, you also need strong Data Governance.

Do Enterprise Data Contracts Require Data Democratization? Data contracts are formal agreements between a data provider and a data consumer. They abstractly describe the data as well as the exchange structure, format, and characteristics and schema of information.

The EU Legislative Proposal for AI: Part 1. The lack of proper regulation on artificial intelligence has created a race to the market, creating great opportunities but also risks.

The EU Legislative Proposal for AI: Part 2. Delve into more details on the Act AI classification system and its related processes.

Fully Realising Value from Data and AI Use Cases. As large organisations pivot their focus to realising value from data, Data and Analytics leaders are evolving frameworks to maximise efficiency and accuracy in sourcing and evaluating use cases and forecasting their value generation.

4 Benefits of Role-Based Access Control (RBAC) and How to Implement It. Data has become the new gold, and ensuring its security has never been more paramount. As cyber threats evolve, so must our defenses. Enter role-based access control (RBAC), a solution that promises to revolutionize how we think about data access and security.

Migrating Your Data to the Cloud? Don't Overlook These Key Considerations. Initially perceived as insecure and unstable, cloud technology has significantly evolved to become a vital, robust, and trustworthy tool for businesses across all industries.

Smart Data Visualization Tells a Story Your Users Will Love. Our brains grasp and respond to images, colors, and patterns and more quickly assimilate information. Presenting data with colors and shapes can help the audience to understand data by telling a story.

The Need for Holistic Market Data in Today's Information-Driven Landscape. Merely having access to "good data" is no longer sufficient; businesses require accurate, reliable, and unbiased information about customer opinions, behaviors, and motivations.

Managing Data Costs on Azure. The importance of managing data costs in the cloud, the key factors influencing data costs, the tools available for monitoring and managing these costs, and best practices for managing data costs.

The Role of IT in Data Governance. Information technology (IT) plays a vital role in data governance by implementing and maintaining strategies to manage, protect, and responsibly utilize data. Through advanced technologies and tools, IT ensures that data is securely stored, backed up, and accessible to authorized personnel.

The Cool Kids Corner: Data Quality Is Not a Fish You Can Catch. Data Quality, the phrase "garbage in, garbage out," dirty data, data cleansing, and so many more have been on the lips of data managers and organizations for decades. It is just as critical now as ever before. However, Data Quality is not a fish you can catch. You cannot just buy a solution or implement a one-time fix and be done. Data Quality is about the journey.

Data Gravity Index (DGx) TM 2.0. Data Gravity Index™ 2.0 studies the proliferation of data globally correlated with Gross Domestic Product (GDP). It features over 100 million unique data elements and over one billion calculations across 190+ countries and 500+ metros. [DOWNLOAD DOCUMENT]

Master Data Management for the Data Governance Professional. As defined by most industry experts, MDM is a technology-enabled discipline in which business and information technology work together to ensure the uniformity, accuracy, stewardship, semantic consistency, and accountability of the enterprise's official shared master data assets. Data governance is a collection of processes, roles, policies, standards, and metrics that ensure that the uniformed mastered data is usable, accessible, and secure, thereby making the data information governed effective and enabling an organization to achieve its goals. [DOWNLOAD DOCUMENT]

Leveraging Data Anonymization for Advancements in Medical Research. Data plays an indispensable role in shaping the future of healthcare. In the pursuit of facilitating qualitative and timely care, on-demand data insights are required, and it cannot happen without platform interoperability.

Why Semantics Matter in the Modern Data Stack. The term the "Modern Data Stack," describes architectures that address the challenge of connecting cloud-managed data to the business users who derive value from it. (DOWNLOAD DOCUMENT)

Self-Service Data Access Best Practices. Today's digital realm increasingly emphasizes the value of self-service data access. Firms are recognizing its potential to empower users and accelerate decision-making processes. However, with this rapid shift towards democratized data access come challenges that organizations need to address.

Why You Should Invest in Digital Transformation During Tough Economic Times. While remote work initiatives have accelerated the adoption of digital technology, investments in technology during economic downturns are usually approached with caution. However, defunding digital transformation during a downturn might not be a wise decision.

Three Causes of Cloud Migration Failure in Large Enterprises. Cloud migration is not a mere option but rather a strategic imperative for large enterprises seeking to stay competitive and agile.

Conceptual vs. Logical vs. Physical Data Modeling. Lack of understanding and documentation of a company's Data Architecture – coupled with data structures that need updating – fail to return useful information. (webinar: https://www.dataversity.net/jul-11-data-ed-webinar-conceptual-vs-logical-vs-physical-data-modeling/)