



Monthly Newsletter

March 2024

DAMA NCR's Chapter Meeting

Chapter meetings are held quarterly, on the second Wednesday of the month. Next Chapter meeting will be on **March 13, 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 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.



[Co-op Students](#)

Algonquin College's 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.

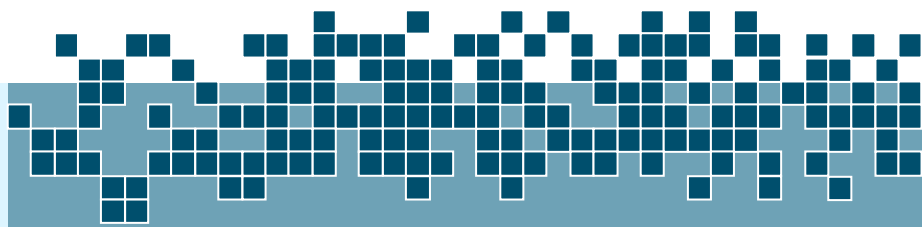
Co-op students are available from the fields of Data Management, Business Intelligence, Computer Engineering, AI Software Development, Cloud Development, [and more](#). Students learn to collect, analyze, and interpret data effectively, using industry-standard tools and techniques for careers as data 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's 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 March 19th, 2024, 18:00- 20:00 at 10 Fourteen 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.

Implementation of Data Fabric Architecture Using IDMC Services ([Virtual](#)). Tuesday March 5th, 2024, 11:00 EST.

The session covers Data Fabric essentials, delves into the architecture and various aspects of Data Fabric along with its implementation leveraging IDMC services, and presents a demo of end-to-end Data Fabric implementation using services like Data Integration, Data Quality, Data Governance, and MDM. Register even if you cannot attend you will receive a link to the recording.

The Upside of Compliance Reporting: A Data Governance Opportunity ([Virtual](#)). Wednesday March 6th, 2024, 14:00 EST.

Learn how Antioch University used compliance requirements to inform data development, save thousands of people hours each year, and enhance data governance. The presentation will cover methodology, technology and institutional impact.

From Data to Action: The Power of Intentional Leadership ([Virtual](#)). Friday, March 08, 2024, 13:00 EST.

The demands and expectations on data and analytic leaders are accelerating. Leading teams and organizations into the possibilities enabled by generative AI requires effective leadership. Specifically, generative AI will disrupt and create opportunities across the data lifecycle, from acquisition to insights to action. Non-technical skills such as communication, empathy, and influence are no longer limited to specific roles but essential for the entire team.



Gartner Data & Analytics Summit ([In-person](#)). March 11 – 13, 2024 in Orlando, FL, at Walt Disney World Swan and Dolphin Resort.

The 2024 agenda features sessions exploring the theme Generating Value Together: From Data to AI to Collective Intelligence, and will bring together 4,000+ chief data and analytics officers, and data and analytics leaders across three days — all in one location. (Public-sector price: US\$3,650; Standard price: US\$4,300).

QuanCon24: Data Without Doubt ([Virtual](#) and in-person). Tuesday, March 12, 2024, at 13:00 EDT. The Brewery in London, UK.

On the journey to protect, optimize, and grow an organization, this is the perfect opportunity to connect with industry leaders and technology experts to explore what’s possible when trying to unify siloed data and put it to work for you.

Evolving the Enterprise Summit with Generative Integration ([Virtual](#)). Tuesday March 19th, 2024, 12:00 EDT.

This summit is a unique opportunity for industry leaders, IT professionals, and data integration enthusiasts to come together and explore the latest trends, innovations, and strategies shaping the future of enterprise integration.

Future Cities Roadshow ([In-person](#)). Tuesday March 19th, 2024, Ottawa, KPMG Office | 150 Elgin Street, Ottawa, ON.

The Future Cities Roadshow provides a unique opportunity to delve into the intersection of technology, urban transformation, and citizen well-being. [Agenda-at-glance](#).

DATAVERSITY Demo Day – Master Data Management ([Virtual](#)). Wednesday March 20, 2024, 11:00 AM – 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.

Master Data Best Practices: Why Data You Don’t Trust Is Not Really Data ([Virtual](#)). Thursday March 21st, 2024, 11:00 EDT.

Data you do not trust is not really data. Dirty data can result in costly errors in material procurement, poor maintenance management, and excess inventory carrying costs. Master data, such as functional location and equipment data, is the foundation for every enterprise resource planning (ERP) system like SAP. And it is the framework organizations use to build out their asset management strategy.

Driving Data Management and Analytics with Generative AI ([Virtual](#)). Thursday March 21st, 2024, 11:30 EDT.

Data teams have achieved incremental productivity benefits by conversing with standalone generative AI tools such as ChatGPT, Bard, and BLOOM. The next step is to take advantage of data management and analytics tools that embed generative AI.

Enterprise Data World - Track: Women in Data Management and Governance ([In-Person](#)). Sunday March 24th, 2024, Orlando Florida

DATAVERSITY have noticed a dramatic increase in women becoming data practitioners over the years. To better understand how we can better support this growing demographic, we started building education,





networking, and training opportunities, and we will introduce our first Women in Data Management and Governance event! This event is included in your Enterprise Data World registration.

Enterprise Data World ([In-person](#)). March 25-29, 2024, Hyatt Regency Grand Cypress Resort, Orlando, Florida.

A five-day conference, with in-depth, half-day tutorials, with a conference program that includes several tracks of educational content by leading experts. [Agenda-at-glance](#).

Reducing Time to Insight and Maximizing the Benefits of Real-Time Data: Research Insights from the Latest TDWI Best Practices Report ([Virtual](#)). Monday, March 25th, 2024, 12:00 EST.

Data continues to explode in volume, variety, and velocity, with real-time streaming sources becoming critical to both human and automated decisions. The race is on to harness the potential value of all data and drive better business outcomes.

The Art of Data Valuation ([Virtual](#)). Monday, March 25th, 2024, 13:00 EST.

Learn: a) Why is it important to assess data value to support strategic planning and data management; b) Why is it difficult to assign monetary value to data; c) When and how is data a liability; d) What are the criteria and process for assessing data value; and e) How can data valuation metadata be used to support data management.

Change Management and Custom Workflows in Cloud Data Governance ([Virtual](#)). Tuesday, March 26th, 2024, 11:00 EST.

The session covers APIs, their common use cases, and presents a few case studies showcasing API utilization. By the end of the webinar, you will gain a comprehensive understanding of Data Governance and Profiling APIs, with an in-depth exploration of case studies demonstrating how these APIs are employed in specific use cases. Register even if you cannot attend you will receive a link to the recording.

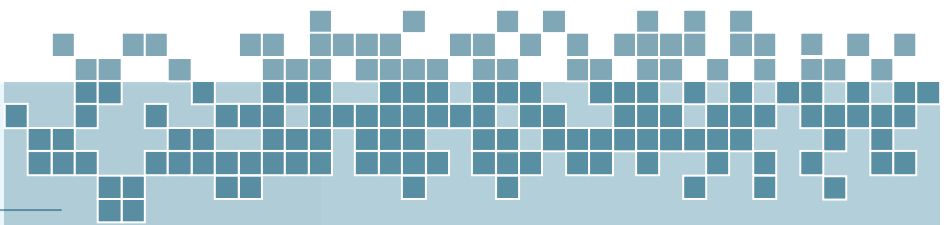
DOMOPALOOZA 2024 ([In-person](#)). March 26–29, 2024, Salt Lake City, UT. Grand America Hotel 555 Main St, Salt Lake City.

Ready to unleash the full power of data—and people? This year is all about AI-powered data experiences—so we are highlighting the innovators using Domo to propel their businesses forward. Full Conference Pass: US\$1,595. [Agenda-at-glance](#).

Articles

[Collaborative Data Governance: The Next Evolutionary Approach](#). Effective data governance is a critical aspect of organizations' ability to derive meaningful insights and maximize the value of their data assets. Collaborative data governance, in particular, has gained traction as a promising approach that emphasizes cooperation and coordination among stakeholders to ensure data integrity, security, and compliance. (DOWNLOAD DOCUMENT).

[Tales & Tips from the Trenches: Data Catalog War Stories](#). Data Catalogs have great promise. They can provide the businessperson, analyst, architect, system engineer and data scientist alike the ability to look for data and understand what it contains. However, they are not magic. They require proper curation and a good understanding of data/metadata, privacy/security, and technical ecosystem to be effective.





[Legal Issues for Data Professionals.](#) The catapulting of data to become a new class of business assets and the rapid evolution of generative and non-generative AI requires the integration of data and law for success in today's business environment.

[Data Privacy vs. Data Security.](#) Data privacy refers to a framework of laws, protocols, and controls designed to protect personal data from unauthorized access and use. It encompasses a range of information, including but not limited to names, addresses, financial details, social security numbers, and online activities. Data security refers to the controls, protocols, and industry standards designed to protect digital information from unauthorized access, use, modification, or destruction.

[2023 GigaOm Sonar Report for Semantic Layers and Metrics Stores.](#) It provides a comprehensive overview of vendors in the semantic layer and metrics store domain, providing insights for data leaders seeking to align the right solution with their distinct business needs.

[Government of Canada, Guide on the use of generative AI.](#) The guide was first published in September 2023 and provided preliminary guidance to federal institutions in their use of generative AI tools. This updated version focuses on addressing feedback from external engagement and questions raised by departments.

[Creating a Data Maturity Model: What, Why, How.](#) Creating a data maturity model can be useful for a business that is shifting from minimal use of its data to maximizing its potential. A data maturity model is a blueprint that can help determine the best ways to improve how an organization uses its data. It can identify the gaps in a business's data strategy and promote data maturity within the organization.

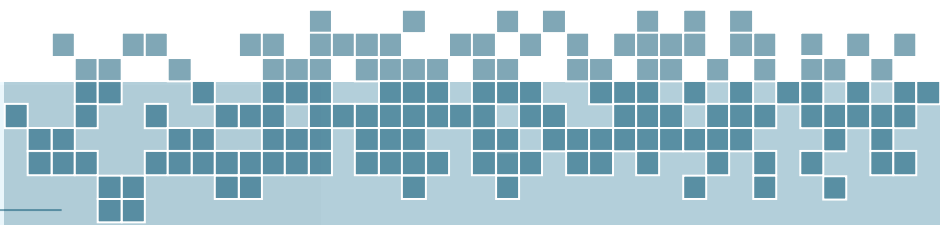
[How to Manage Risk in an Era of Explosive Unstructured Data Growth.](#) The estimated amount of data created daily is 1145 petabytes per day, which is expected to grow to 463,000 petabytes (or 463 exabytes) daily by 2025. With the rapid evolution of data protection regulations, like the European Union's General Data Protection Regulation (GDPR) and the California Consumer Privacy Act (CCPA) in the US, the data risk definition needs to evolve accordingly. (DOWNLOAD DOCUMENT)

[Who Is Responsible for Data Quality in Data Pipeline Projects?](#) Where exactly within an organization does the primary responsibility lie for ensuring that a data pipeline project generates data of high quality, and who exactly holds that responsibility? Who is accountable for ensuring that the data is accurate? Is it the data engineers? The data scientists? The team responsible for data governance? The data analysts? The quality assurance team? Or is it all of the data teams?

[Data Governance Is Valuable: Moving to an Offensive Strategy.](#) Data governance is a critical foundation for your data strategy. Yet preconceived notions and bad experiences have left many people dismissive of its value. How can leaders shift perception of data governance as critical to business success... and kick-start a program that offers a meaningful ROI? (DOWNLOAD DOCUMENT)

[Tales & Tips from the Trenches: Data Catalogs are a Landmark.](#) The data catalog is indeed the most important breakthrough in data management in the last decade, and maybe even rivals the advent of the data warehouse. The latter took the back office statistical scientist capabilities into the front office, enabling business consumers to conduct their own analyses to obtain their own insights.

[Elements of a Modern Data Warehouse.](#) Businesses are generating vast amounts of information every second. Traditional data warehouses, which were once considered the gold standard for handling and analyzing large datasets, are struggling to keep up with the rapid pace of data growth and evolving analytics requirements. This has given rise to the concept of modern data warehouse, which provides a comprehensive solution to Data Management.





[10 Ways to Enhance Your Data Analysis Skills](#). In our increasingly data-driven world, the ability to analyze data has become a valuable skill. Data analysis skills empower us to make informed decisions, uncover hidden patterns, and extract meaningful insights.

[When to Use AutoML vs. Manual ML: A Full Guide](#). Automated machine learning is growing at a rapid rate, aiming to significantly improve Data Science to make it more effective and accessible. All stages of the machine learning workflow can be automated, from the initial data preparation to selecting the right model.

[What is a Streaming Database?](#) 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. So, what exactly are streaming databases? (DOWNLOAD DOCUMENT)

[Building Resilient Data Ecosystems for Safeguarding Data Integrity and Security](#). The term “big data” is no longer the exclusive preserve of big companies. Businesses of all sizes increasingly see the benefits of being data-driven.

[Data Professional Introspective: Accelerating Enterprise Data Quality](#). Why do so many organizations struggle and stumble in getting past isolated project efforts to improve data quality? Because of the overarching issue we face almost everywhere in every industry: Organizations still frequently fail to recognize that their data assets are foundational and critical for their success, like finance, human resources, and facilities management.

[The Cool Kids Corner: Change Management for Data Literacy](#). Data literacy can be defined as “the ability to read, work with, analyze, and argue with data.” That’s all well and fine, but what do we mean by that, really? The art of being data-literate is just like being literate in any spoken language.

[Data Science vs. Machine Learning vs. AI](#). The evolution of Data Science and machine learning in the age of AI has been marked by significant advancements in technology and computing power. Data Science, which involves extracting insights from large sets of structured and unstructured data, has become a crucial component of modern business operations.

[Data Provisioning: Ingest, Curate, and Publish](#). In the world of data, we have distinctive notions, such as data provisioning, data warehouse, data lake, and other related concepts. In this article, we will understand their theoretical and practical implications.

[Data Portability Offers the Only Prospect of Gaining Control Over Our Digital Identity](#). Every online interaction, every purchase, and every social media post leaves a trackable trail, which taken together represents our digital identity. This digital self, however, is increasingly under threat – from data breaches, surveillance, and the garden-variety usage to which we’re all accustomed: personalized advertising.

[How to Maximize Multi-Cloud Data Governance](#). The transition from hybrid to multi-cloud environments is more than just a buzzword: It is a fundamental shift in how organizations manage and utilize their data. As these complex architectures evolve, the importance of robust multi-cloud data governance cannot be overstated.

[A Data-Driven Organization Requires Everyone’s Hands on the Wheel](#). Few companies have achieved their goal of becoming a data-driven organization. So, where are they going off track? First, it is important to define what it means to be data-driven.

