DAMA NCR-RCN

Monthly Newsletter

October 2022

DAMA NCR's Chapter Meeting

Chapter meetings are held quarterly, on the second Wednesday of the month. Next Chapter meeting will be on **Wednesday December 7, 2022 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 Days Canada Conference 2022

DAMA Days Canada Conference (**virtual event for NRC**) **October 20-21, 2022, 12-6pm ET**. Inaugural event organized by seven Canadian DAMA Chapters. The conference includes 20 sessions (across two tracks) over two days covering aspects of the Data Management (DM) profession, with 45 minute sessions. For more information, visit the **DAMA Days Canada Conference 2022** website.
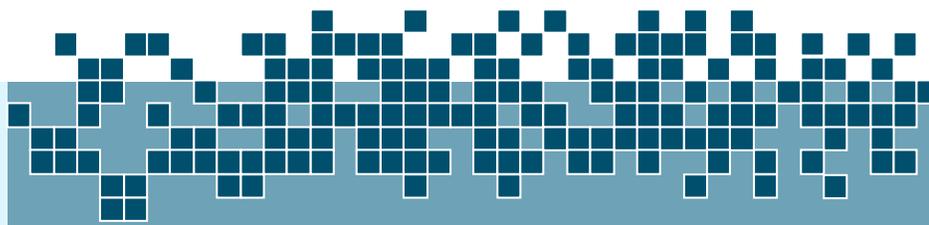
DAMA NCR Job Postings Forum

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; 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](#)). **October 18, 2022, 6:00 to 8:00 PM at 10 Fourteen Bar – 1014 Wellington St. West, Ottawa.**

DAMA NCR-RCN is hosting our second Data and Drinks event for the summer. Come join data professionals from the National Capital Region to socialize, strengthen business connections, get fresh ideas, and raise your professional profile.

Enterprise Analytics Online ([Virtual](#)). **October 19, 2022, 11:00 AM to 4:30 PM EDT.**

The live online event presentations are designed to teach anyone working with enterprise data to execute and implement a successful analytics strategy. Presentations for the 2022 event will focus on analytics best practices, data quality, data fabric, defining business value, and developing a data-centric culture. (In English only).

Shaping the Role of a Data Lake in a Modern Data Fabric Architecture ([Virtual](#)). **October 20, 2022, 2:00 to 3:00 PM EDT.**

Data lakes have been both praised and loathed. They can be incredibly useful to an organization, but it can also be the source of major headaches. Its ease to scale storage with minimal cost has opened the door to many new solutions, but also to a proliferation of runaway objects that have coined the term data swamp.

A 5-Episode Webinar Series on Data Lineage in the Cloud ([Virtual](#)). **October 20, 2022, 1:00 to 2:00 PM (Data Lineage in the Cloud Episode 4: Best Practices and Accelerating Time-to-Value).**
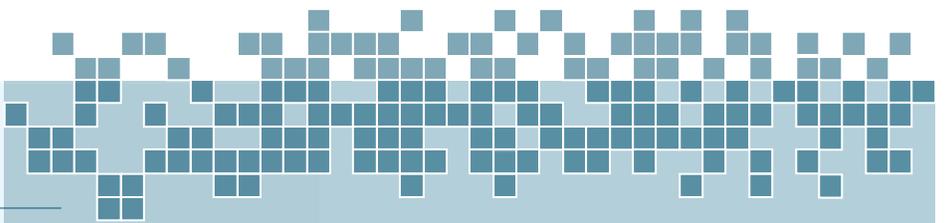
It's all about understanding your data. Where it originates. How it moves throughout your organization. How it's transformed. And its usage. Join the webinar series "Data Lineage in the Cloud," to explore end-to-end data lineage and its benefits. Learn how to harness its full power to deliver business value and improve organizational efficiency. You can [register for all 5-session at once, or individually](#).

Empowering Your BizDevOps ([Virtual](#)). **October 20, 2022, 11:00 AM EDT.**

Companies are adopting DevOps practices to accelerate their software delivery processes and increase business performance by driving revenue growth and competitiveness.

Logical Data Fabric Powered by Data Virtualization: An Overview ([Virtual](#)). **October 26, 2022, 2:00 to 3:00 PM EDT.**

Gain key insights on why a logical data fabric powered by data virtualization is critical for any organization's data and analytics. Learn: What is a logical data fabric and its key components; Why organizations are adopting a logical data fabric as opposed to a physical one; How it helps business users, data scientists, and other data consumers alike in data access, consumption and data-driven decisions; How organizations are using logical data fabric for faster time-to-insights.

Securitizing data using fine-grained privileges in multi-layered virtual models (Virtual). October 27, 2022, 11:00 to 11:45 AM EDT.

Learn: Modeling fine-grained privileges in a multi-layer architecture using roles; Designing the caching and smart query acceleration; strategies considering the view security requirements.

Connections, The Cloud Data Management Experience (Virtual). November 2, 2022, 11:00 AM ADT.

Leading industry experts, customers, and partners will share their experiences and best practices, including a technology roadmap to help accelerate business innovation, deflect security threats, and invest wisely for the future.
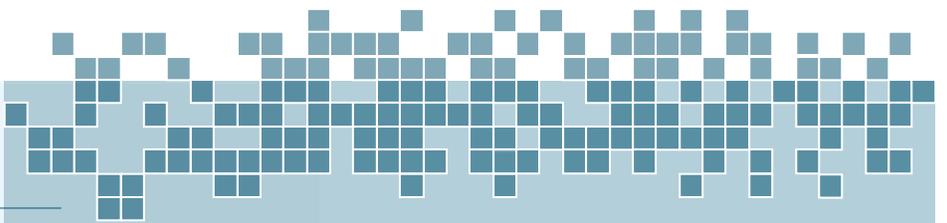
Articles

Data Talent Prioritization - List of Challenges. An overview of the major data talent challenges the GC identified using literature review and stakeholder consultations. It provides the foundation of by the Canada School of Public Service (CSPS) *Prioritization Workshop* held on September 21, 2022. (GCollab registration required for access).

2022 Global Data Literacy Benchmark. This document draws on the expanded Databilities® framework; covering 4 domains and 18 competencies. With comparisons to the 2020 study, the 2022 Global Data Literacy Benchmark highlights improvements in levels of data literacy across numerous competencies and also uncovers a strong migration of the Curious to the Confident. (DOWNLOAD DOCUMENT)

The new world of data lakes, data warehouses and cloud data platforms. The main distinctions between data warehouses, data lakes, data lakehouses and data meshes. Why the cloud is increasingly blurring the lines that distinguish these enterprise-scale data environments from each other. How to ensure the most secure, expedient delivery of data-driven insights to business users, devices and applications with a uniquely agile approach that delivers 100% of data for analysis. (DOWNLOAD DOCUMENT)

 The Data Privacy Regulation Roundup: What You Need to Know. Data privacy regulations on all levels– international, federal, organizational–are enacted with the intent of keeping sensitive data secure and individuals safe. As these regulations proliferate, it can become difficult to ensure total compliance throughout an organization's diverse data ecosystem.

5 Steps to Automating and Protecting All Your Data. Understanding the need for security is one thing, but determining how to protect data is its own challenge. Teams need to ensure data security without negatively impacting the speed and efficacy of data use. In this breakdown, Immuta's Sam Tawfik details a step-by-step process by which teams can achieve this balance of security and functionality.

Top 10 must-read books for data and analytics leaders in 2022. Focuses mainly on books published in the last two years with the themes of data, analytics and AI.

Data and Storytelling for Strategic Alignment. It is a challenge to go from boring charts and numbers to a story that will move your stakeholders and build alignment around a way forward. IDEO Partner and Executive Director, Justin Massa, shares how the combination of data and storytelling can overcome strategic roadblocks.

Enabling New Networking Acceleration Processes and Optimizing Infrastructures. The discussion will also explore the challenges of building and running next-generation enterprise data centers and storage solutions for increasing infrastructure efficiency and manageability. (PODCAST)

Key Roles and Responsibilities of the Modern Chief Data Officer (How data management tech, cloud tech are changing the CDO role, 1 of 6). Chief data officer roles and responsibilities are expanding beyond data strategy, as they are increasingly tasked with cultivating a data-driven culture: Data Governance; Operations; Data Management and Analytics; Innovation; Value Creation.

The Evolution of the Chief Data Officer Role (How data management tech, cloud tech are changing the CDO role, 2 of 6). The next generation of CDOs has to adapt due to the following five ways the role has changed since its inception, as explored in the 2022 IDC study "Driving Business Value from Data in the Face of Fragmentation and Complexity."
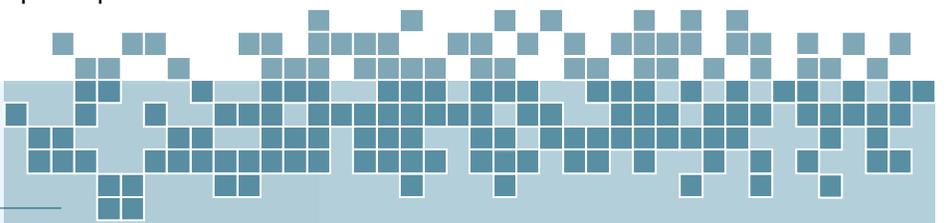
6 CDO Challenges that Hinder Data-driven Initiatives (How data management tech, cloud tech are changing the CDO role, 3 of 6). A majority of large companies now have a CDO. Seventy-three percent of responding Fortune 1000 companies have a chief data officer or a chief data and analytics officer (CDAO) in a NewVantage Partners 2022 survey.

10 Trends Shaping the Chief Data Officer Role (How data management tech, cloud tech are changing the CDO role, 4 of 6). The shift reflects a growing recognition across industries that data is valuable and that the CDO can help drive data strategy and build a data-driven culture.

How CDOs Manage Cloud Adoption and Hybrid Cloud Compliance (How data management tech, cloud tech are changing the CDO role, 5 of 6). Cloud advancements are changing how chief data officers approach cloud data management as they juggle security, privacy and other hybrid cloud compliance issues.

3 Steps for CDOs to Ensure Data Sovereignty in the Cloud (How data management tech, cloud tech are changing the CDO role, 6 of 6). Data sovereignty regulations, combined with a tsunami of data growth and increased cloud usage, have created a perfect storm that chief data officers must manage.

Four Steps to Building a Successful Data Governance Team. Successful data governance requires alignment to clearly defined business requirements. Yet far too many data governance programs fail to achieve objectives because they miss this prerequisite.

[How to Convince Stakeholders That Data Governance is Necessary](#). You may already have a formal Data Governance program in place. Then again, perhaps you don't.

[Your Metadata Will Not Govern Itself](#). Metadata Governance is easiest to understand when you separate the term into its two parts – Metadata and Data Governance.

[Do You Need to Audit Your Data?](#) Can you rely on your business data to make strategic decisions? Do you question the accuracy of your reports?

[Paying Down Semantic Debt](#). Organizations create data models to structure extracts from various systems, which are used to support downstream processes that need data to make decisions.

[Modernize Analytics and Applications in the Cloud to Accelerate Digital Transformation](#). Do you know what it takes to move analytics and applications to the cloud? This article outlines the key considerations for a modernization strategy, and common mistakes to avoid, to ensure you are set up for success.

[Data Warehouses: Do You Really Need One?](#) Today, new technologies offer an alternative to this outdated technology paradigm – delivering unmatched time to insight and analytical freedom by eliminating the need for data modeling and transformation.

[Data Fabric 101 - The Next Generation of Data Management](#). Structured data management systems worked acceptably well when the enterprise data landscape was structured. Currently the data landscape is increasingly hybrid, varied, and changing.

[Understanding the benefits of a data quality strategy](#). A data quality strategy can improve an organization's ability to generate value from data, but determining quality depends on the processes and use cases.
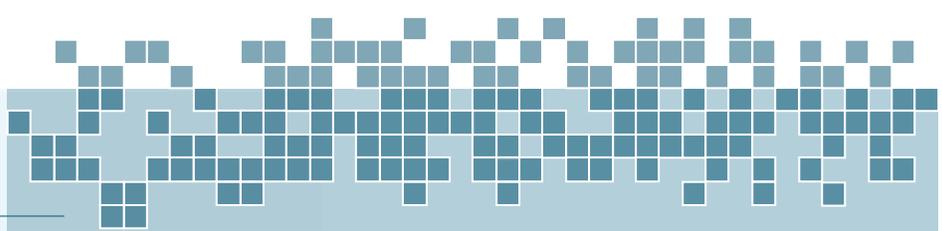
[Deconstructing the Incorta unified data analytics platform](#). This guide explores the architecture of Incorta's unified data analytics platform and how it can augment or replace legacy analytics environments while taking a new and innovative approach to enable agile analytics. (DOWNLOAD DOCUMENT)

[Data Science is Sexy](#). One of the many promises of Data Science is that it can answer those Big Questions without making anybody else work very hard.

[Transforming Logistics Using Big Data](#). Big Data and logistics are made for each other, and today the logistics industry is positioning itself to put this wealth of information to better use.

[Why Data Scientists are Interested in Blockchain](#). The unalterable nature of the blockchain is derived from the cryptographic hash functions written on it and the raw computing power used. This is not to be underestimated.

[Unify Data Management & Analytics Pipelines](#). Enterprises need a wide range of platforms, tools, skills, and techniques to operationalize data and analytics models into successful production applications. DataOps pipeline processes, for example, continuously integrate, transform, and prepare data for deployment into analytics applications. (DOWNLOAD DOCUMENT)

A Universal Problem in Data Management – Classification. Classification is a particular problem in Master Data Management (MDM), which requires the alignment of mostly-incompatible data standards from multiple vendors, as well as the implementation of deeper logic.

The Data Whisperer. Governing the use, storage, movement, and destruction of data in your organization all comes down to the people charged with data ownership.

Questions Metadata Can Answer. To manage data, information, and knowledge, companies need to know what data they have.

Data Governance Is Everyone's Business. Proper data governance has an impact on reducing productivity losses that go hand in hand with data problems. (DOWNLOAD DOCUMENT)

Active Data Governance Methodology. Data governance can deliver high-quality, trusted, and compliant data, which is why data leaders are pursuing governance initiatives. They need an effective means to make it a part of their process. (DOWNLOAD DOCUMENT)

Experts lay out data illiteracy's dangers, propose remedies. In this excerpt from their new book 'Data Literacy,' top data management experts Peter Aiken and Todd Harbour outline a new way to gauge data learnedness.

Unify Data Management & Analytics Pipelines. Enterprises need a wide range of platforms, tools, skills, and techniques to operationalize data and analytics models into successful production applications. DataOps pipeline processes, for example, continuously integrate, transform, and prepare data for deployment into analytics applications. MLOps pipelines, on the other hand, continuously build, train, serve, and optimize machine learning, deep learning, natural language processing, and other statistical models. (DOWNLOAD DOCUMENT)

Information Governance in an Era of Uncertainty. The word "organize" is the root of the word "organization." Organizations are compelled to organize their information.

Information Governance, IT Governance, Data Governance – What's the Difference? There has been a great deal of confusion around the term information governance (IG), and how it is distinct from other similar industry terms such as information technology (IT) governance and data governance.

Blockchain as the Answer to Big Data Barriers. The roles of data managers can oscillate anywhere from automating operations, nourishing customer relationships, or communicating a company's objectives. This results in a language that stakeholders and other interested parties can understand.

Machine Learning is Transforming Logistics. With its ability to collect and assess a large number of different data points, machine learning can resolve any issue you of which you are still uninformed.

The Definitive Guide to Machine Learning for Business Leaders. The business world is overloaded with buzz terms like artificial intelligence, machine learning, AI transformation, deep learning, and data science. These fields, technologies, and tools are changing the competitive landscape across verticals and influencing business outcomes. (DOWNLOAD DOCUMENT)