



JUNE 18-19, 2024 | OTTAWA, CANADA

CDAO **Canada Public Sector**

▶ Connecting you to what's next in data

Charting the Future of Public Sector Data and Analytics: Join Us at the Inaugural CDAO Canada Public Sector Event at Sheraton Hotel, Ottawa
June 18th and 19th, 2024

Building on the success of CDAO Canada, we proudly present CDAO Canada Public Sector. This groundbreaking event is tailored to the distinct challenges and opportunities in government data analytics and AI. It's an exciting extension of our established platform, crafted to provide an unparalleled environment for top-tier public sector leaders to engage, learn, and spearhead advancements in the world of data and analytics.

- **Exclusive Focus on Public Sector Data Leadership:** Uniquely tailored for CDAOs in the public sector, CDAO Canada Public Sector zeroes in on the specific challenges and opportunities in government data analytics, offering targeted, relevant insights.
- **Pioneering Discussions on Ethical AI:** Stand out sessions dedicated to the ethical use of AI in government, blending cutting-edge theory with practical public sector applications.
- **Strategies from the Frontlines of Cybersecurity:** Learn directly from experts who are shaping the future of digital security in government, offering an inside look at protecting Canada's data frontier.

*Get in touch with the Conference Producer for this event via monika.dincheva@coriniumgroup.com

Confirmed speakers:

Erik Balodis, *Director - Analytics and Decision Support* – **BANK OF CANADA**

Kate Burnett-Isaacs, *Director of Data Science* - **INFRASTRUCTURE CANADA**

Marc-Antoine Auger, *Director, Data Delivery & Enablement* - **EXPORT DEVELOPMENT CANADA**

Carol Wilson, *Director, Advanced Analytics* – **CANADA POST**

Elizabeth Richards, *Director of Strategic Analysis, Publications and Training* - **Statistics Canada**

Jordan Hovdebo, *Deputy Director, Data Science* - **GLOBAL AFFAIRS CANADA**

Stenio Fernandes, *Assistant Director, Data Science/AI Innovation* - **BANK OF CANADA**

Chris Valiquet, *Director, GC Data Community* - CANADA SCHOOL OF PUBLIC SERVICE
 Cory Russell, *Director, Population Health Data Strategy and Implementation* – ONTARIO HEALTH
 Byron O'Byrne, *Head of Data, Asia-Pacific Branch*- GLOBAL AFFAIRS CANADA
 Guillaume Bedard, *Strategic Advisor - Analytic, AI and Data* – CANADIAN PUBLIC SECTOR
 Darrell Bridge, *Senior Data Analytics Strategist* – CITY OF OTTAWA
 Celio Oliveira, *AI & Cloud Architecture Lead Advisor* AI & Cloud Architecture Lead Advisor -
Department of National Defence
 David Dawod, *Manager, Data Analytics* - ELECTRICAL SAFETY AUTHORITY
 Swapnil Kangralkar, *Data Science Manager - Operations Intelligence* – CANADA POST
 Darryl Kingston, *Executive Director*- DIGITAL GOVERNANCE COUNCIL
 Sakshit Sharma, *Data Engineer* – CITY OF OTTAWA
 Karem Elsayed, *Senior Advisor* – GOVERNMENT OF CANADA
 Tommy Gardner, *Chief Technology Officer* - HP FEDERAL
 Kevin Bohan, *Director of Product Marketing* – DENODO
 Mike Potter, *Chief Technology Officer* –QLIK

<p>DAY ONE</p> <p>18th June</p> <p>CDAO Canada Public Sector 2024</p>	
08:00 – 08:40	<i>Registration & Coffee in the Exhibition Area</i>
8:45 - 9:00	<p>Chair’s Opening Remarks</p> <p>Tommy Gardner, <i>Chief Technology Officer</i> HP FEDERAL</p>
09:00 - 09:30	<p>Opening Keynote: Elevating Data Governance: Lessons from Global Federal Governments</p> <p>This session explores real-world case studies from Estonia and Brazil, showcasing how these nations transformed data from a mere resource into a strategic asset.</p> <p>Key takeaways:</p> <ul style="list-style-type: none"> ● The impact of data governance on organizational success ● The intricate relationship between data quality, security, and compliance ● How data governance empowers confident, data-driven decision-making <p>"Elevating Data Governance" provides a compelling analysis for organizations navigating the data-driven world. Learn how meticulous data management fosters</p>

	<p>not only effective service delivery but also contributes to a fairer society.</p> <p>Celio Oliveira, <i>Secretariat of the Executive Data Governance Steering Committee</i> - GOVERNMENT OF CANADA</p>
<p>09:30 - 10:00</p>	<p>Presentation: The Evolution of Analytics at Canada Post: Going Beyond Prediction</p> <p>Canada Post is committed to being a data driven business and over the past several years the Advanced Analytics team has focussed on descriptive analytics (what happened) and predictive analytics (what will happen). Recently we have increased our analytics maturity by including prescriptive analytics with scenario planning and simulations. Our next goal is to go beyond even prescriptive analytics into a fourth level called integrated analytics. In this presentation, I will:</p> <ul style="list-style-type: none"> • Explain the evolution of descriptive, predictive, prescriptive, and integrated analytics • Provide examples of recent projects at each maturity level • Discuss how to provide tools to seamlessly guide business decisions with ML/AI <p>Carol Wilson, <i>Director, Advanced Analytics</i> CANADA POST CORPORATION</p>
<p>10:00 - 10:30</p>	<p>Presentation: Establishing an Agile Data Ecosystem for Successful Generative AI</p> <p>Join us for an engaging session where we delve into the transformative potential of Generative AI technologies. Learn how Retrieval Augmented Generation (RAG) can empower your agency to harness the full benefits of Generative AI. Discover strategies for optimizing your agency's data readiness to fuel AI initiatives effectively.</p> <p>In the session, we will explore:</p> <ul style="list-style-type: none"> • Common hurdles such as data sprawl and distributed data environments • Best practices for safeguarding sensitive data and ensuring compliance with stringent privacy regulations. • The knowledge and tools needed to establish an agile data foundation and drive innovation in your agency with Generative AI. <p>Kevin Bohan, <i>Director of Product Marketing</i> DENODO</p>
<p>10:30 - 11:00</p>	<p><i>Mid-Morning Coffee & Networking in the Exhibition Area (Sponsored by HP)</i></p>
<p>11:00- 11:30</p>	<p>Fireside chat: Prioritizing Data Quality: Building a Foundation for Success Beyond Machine Learning and AI</p> <p>Tired of drowning in data? This talk dives into the secret weapon for data-driven success: data governance.</p> <p>Learn how to:</p> <ul style="list-style-type: none"> • Turn messy data into actionable insights

	<ul style="list-style-type: none"> • Make confident decisions beyond just AI • Navigate the data deluge with proven strategies • Real-world examples and best practices will show you how to harness the power of your data for lasting success. <p>Moderator: Tommy Gardner, <i>Chief Technology Officer</i> - HP FEDERAL</p> <p>Celio Oliveira, <i>Secretariat of the Executive Data Governance Steering Committee</i> - GOVERNMENT OF CANADA</p>	
<p>11:30 – 12:15</p>	<p>Panel Discussion: Government Gets #DataSmart: Upskilling for the Age of Analytic</p> <ul style="list-style-type: none"> • What data skills and competencies are critical for government agencies to thrive in the age of analytics? How can we effectively bridge the data literacy gap within the workforce? • What are the most effective approaches to upskilling government employees in data analysis, visualization, and storytelling? • How can government agencies foster a data-driven culture that encourages evidence-based decision-making across all levels? • How can we measure the return on investment for data upskilling initiatives, demonstrating the value in improved service delivery and resource allocation? <p>Moderator: Darrell Bridge, <i>Senior Data Analytics Strategist</i> CITY OF OTTAWA</p> <p>Carol Wilson, <i>Director, Advanced Analytics</i> CANADA POST</p> <p>Chris Valiquet, <i>Director, GC Data Community</i> CANADA SCHOOL OF PUBLIC SERVICE</p> <p>Elizabeth Richards, <i>Director of Strategic Analysis, Publications and Training</i> - Statistics Canada</p> <p>Karem Elsayed, <i>Senior Advisor</i> GOVERNMENT OF CANADA</p>	
<p>12:15 - 12:45</p>	<p>Presentation: Ethical Use of Data</p> <p>This talk will examine the ethical considerations of data manipulation and usage, highlighting both appropriate and inappropriate practices.</p> <p>Tommy Gardner, <i>Chief Technology Officer</i> HP FEDERAL</p>	
<p>12:45 – 13:45</p>	<p><i>Lunch & Networking in the Exhibition Area</i></p>	

<p>13:45- 14:15</p>	<p>Fireside Chat: How Can We Bridge the Data Divide? Overcoming Interoperability Challenges for Effective Data Integration</p> <p>In 2024, the Canadian public sector faces a pivotal question: How can we bridge the data divide? The key challenge is interoperability - how do different data systems and technologies across government departments integrate seamlessly? This isn't just a tech issue; it's about creating a unified data language. Why is this crucial? Because effective data sharing is vital for informed decisions and better public services. As we navigate these challenges, we must ask: Are we ready to forge a path toward a data-integrated future in Canada's public sector?</p> <p>Moderator: Tommy Gardner, <i>Chief Technology Officer</i> HP FEDERAL</p> <p>Marc-Antoine Auger, <i>Director, Data Delivery & Enablement</i> EXPORT DEVELOPMENT CANADA</p>
<p>14:15- 14:45</p>	<p>Presentation: The AI Mandate: Transformative AND Responsible for Our Citizens</p> <p>The citizens we serve are experiencing the transformative effects of Generative AI. Government data leaders are also excited about the use of it within their respective agencies, but many are facing a similar challenge: the insights are only as good as the data that AI models reason over. Without a solid data foundation, governments will struggle to realize the full operational value of Generative AI and will face increased risks of inaccuracies, inefficiencies, biases, and security vulnerabilities. This session will provide an overview of how government data leaders can ensure their agency's data is ready for Generative AI to help power decision-making and enhance citizen services.</p> <p>Mike Potter, <i>Chief Technology Officer</i> QLIK</p>
<p>14:45 - 15:15</p>	<p>Presentation: AI Empowerment: Infrastructure Canada's Ethical Roadmap</p> <p>Infrastructure Canada is implementing an AI Framework to pave the path for ethical and responsible use of AI in practice. With guidelines, tools and project governance designed to address business challenges and opportunities first, AI will be used in a practical, efficient, and sustainable manner to improve the efficiency and accuracy of Infrastructure Canada's operations. With four use cases from across the product lifecycle - from experimentation, to scaling a pilot project, to testing and finally lessons learned from AI in operation, this presentation can shed light on how to set up projects with implementation in mind, measure success and understand the change management needed to take AI from theory to practice in a government department.</p> <p>Kate Burnett-Isaacs, <i>Director of Data Science</i> INFRASTRUCTURE CANADA</p>
<p>15:15 - 15:45</p>	<p><i>Afternoon Tea & Networking in the Exhibition Area (Sponsored by HP)</i></p>

<p>15:45 - 16:15</p>	<p>Presentation: Improving Data and Analytics Maturity Across the Organization</p> <ul style="list-style-type: none"> • Why improve data & analytics maturity in the Canadian public sector? • What is data & analytics organizational maturity? • How to achieve data & analytics maturity? • Key success factors and recommended next steps <p>Guillaume Bedard, <i>Strategic Advisor - Analytic, AI and Data</i> – CANADIAN PUBLIC SECTOR</p>
<p>16:45 – 17:30</p>	<p>Panel Discussion: Breaking Down Data Silos to Empower Collaboration in the Public Sector</p> <ul style="list-style-type: none"> • How can we cultivate a culture of collaboration and foster open data sharing across government departments in the public sector? • What barriers need to be removed to ensure seamless access to data for efficient decision-making and service delivery? • How can robust data integration practices be implemented to consolidate information from various government agencies into a unified platform? • How can cross-functional teams be empowered with comprehensive data insights to better address public sector challenges and enhance citizen services? <p>Moderator: David Dawod, <i>Manager, Data Analytics</i> ELECTRICAL SAFETY AUTHORITY</p> <p>Byron O'Byrne, <i>Head of Data, Asia-Pacific Branch</i> GLOBAL AFFAIRS CANADA</p> <p>Darryl Kingston, <i>Executive Director</i> DIGITAL GOVERNANCE COUNCIL</p> <p>Kevin Bohan, <i>Director of Product Marketing</i> DENODO</p>
<p>17:30 - 17:40</p>	<p>Chairs Closing Remarks</p> <p>Tommy Gardner, <i>Chief Technology Officer</i> - HP FEDERAL</p>
<p>17:40 - 18:30</p>	<p><i>Drinks Reception & Prize Draw Presentation</i></p>
<p>18:30</p>	<p style="text-align: center;">END OF DAY ONE</p>

DAY TWO

19th June

CDAO Canada Public Sector 2024

08:15 – 08:50	<i>Registration & Coffee in the Exhibition Area</i>
8:50 – 9:00	Chair’s Opening Remarks Tara Myshrall, <i>Regional Vice President</i> QLIK
09:00- 09:30	Presentation: Data on Demand: Streamlining Infrastructure for Continuous Improvement The Bank of Canada has a wide and diverse base of data users across its functions. The diversity of use-cases and business processes has necessitated a flexible approach to accommodating user requirements in data infrastructure design and selection, and in data and use-case delivery. This presentation will explore the evolution and diversity of the Bank of Canada's data infrastructures. It includes a variety of platforms such as cloud data lakehouses, on-premise high-performance computing, traditional on-premise data infrastructures, and off-lake cloud infrastructures. Erik will discuss how the Bank’s diverse data user population and use-cases continue to influence the evolution of technology and processes at the organization. Erik Balodis, <i>Director - Analytics and Decision Support</i> BANK OF CANADA
09:30- 10:15	Panel Discussion: Navigating the Trustworthy Horizon: Responsible AI in the Public Sector This panel will delve into the ethical and practical considerations surrounding the use of AI in the public sector. Panelists will discuss strategies for Responsible AI to ensure transparency, accountability, robustness, fairness, and the like when building or onboarding AI Systems in the public sector. Topics may include the development of Responsible AI frameworks, alignment with regulations and international standards, and the importance of stakeholder engagement in shaping Responsible AI practices, guidelines, and policies. What practical strategies exist for striking the perfect balance and building public trust? Moderator: Stenio Fernandes, Assistant Director, Data Science/AI Innovation BANK OF CANADA Sakshit Sharma, <i>Data Engineer</i> CITY OF OTTAWA Swapnil Kangralkar, <i>Data Science Manager - Operations Intelligence</i>

	CANADA POST
10:15-10:45	<p>Presentation: Enabling Data-Driven Diplomacy: Data Science at Global Affairs Canada</p> <p>Global Affairs Canada defines, shapes and advances Canada’s interests and values in a complex global environment. The increasing fluidity with which we can access data presents a significant opportunity to improve the way we do so. However, the sheer volume of information available can be overwhelming, making it difficult to extract and structure the relevant information to make it actionable. In this presentation we will discuss the evolution of data science at Global Affairs Canada. In particular, through concrete examples we will demonstrate how data science, and especially generative artificial intelligence, is being used to help the department more efficiently derive insights from its data and how we will scale these technologies for a global organization.</p> <p>Jordan Hovdebo, <i>Deputy Director, Data Science</i> GLOBAL AFFAIRS CANADA</p>
10:45-11:15	<i>Mid-Morning Coffee & Networking in the Exhibition Area (Sponsored by HP)</i>
11:15-11:45	<p>Presentation: Barriers and Opportunities for Population Health Management through Data and Analytics</p> <ul style="list-style-type: none"> • Overview of population health management in Ontario • Recent progress in analytics and reporting • Identification of the barriers for enhanced reporting • Opportunities for the future <p>Cory Russell, Director, Population Health Data Strategy and Implementation – ONTARIO HEALTH</p>
11:45-12:30	<p>Fireside chat: How Can We Ensure Data Integrity for Improved Decision-Making Accountability in the Public Sector?</p> <ul style="list-style-type: none"> • How can we harness data management, integration, and analysis to simplify challenges in the public sector? • What role does business intelligence play in shaping public policy outcomes? • How can we elevate data literacy across government departments? • In what ways can technology and leadership drive the integration of data across various government agencies? <p>Moderator: Tara Myshrall, <i>Regional Vice President</i> QLIK</p>

	<p>Swapnil Kangralkar, <i>Data Science Manager - Operations Intelligence</i> CANADA POST</p>
12:30-13:30	<i>Lunch & Networking in the Exhibition Area</i>
13:30-14:00	<p>Fireside chat: Shaping Resilient Data Infrastructures: How Have Others Done It?</p> <ul style="list-style-type: none"> • What methodologies and technologies ensure data integrity, security, and accessibility in a changing regulatory and cybersecurity environment? • Emerging Tech for Government: How can cloud-based architectures and AI analytics be used to strengthen data infrastructure against threats and disruptions? • Public Sector Best Practices: What case studies and best practices can we learn from to optimize data infrastructure for resilience and scalability? <p>Moderator: Tara Myshrall, <i>Regional Vice President</i> QLIK</p>
14:00-14:10	<p>Chairs Closing Remarks</p> <p>Tara Myshrall, Regional Vice President, QLIK</p>
14:10	END OF DAY TWO

