MAKING DATA AND AI WORK FOR EVERYONE



IITH ANNUAL BIGDATA & SUMMIT CANADA JUNE 4-5, 2025 | TORONTO



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MESSAGE FROM THE PRODUCER

Dear Colleagues,

Welcome to the 11th Toronto edition of Big Data Analytics Canada summit, the flagship event of our D&A portfolio, which brings together the most **innovative**, **engaged and influential data and analytics leaders driving enterprise outcomes**.

The summit is designed to support data, analytics and AI leaders across a wide range of sectors with **strategic guidance**, **practical tips**, **effective tools and innovative technology**, delivered by the brightest minds in the industry.

We have curated a two-day agenda packed with case studies, workshops, panel discussions and roundtables. 6 dedicated tracks will provide you with an actionable plan on how to accelerate your data transformation, harness the power of AI ethically, democratize date securely, scale architecture practices effectively and find the ideal governance strategy that balances innovation with safety.

Join us to source best practice from market leading brands including **Manulife**, **CAE**, **Loblaws**, **Rogers**, **Johnson & Johnson**, **BMO**, **Canadian Tire**, **Dropbox**, **Netflix**, **Sanofi**, **Canadian Tire** and make lasting business connections that will help you on your data innovation journey!

Look forward to welcoming you into the Big Data Canada community and hosting you this June!



Jeremy Behrmann Head of Content – Data Summit Portfolio Strategy Institute jeremy@strategyinstitute.com





SHAPING DATA'S FUTURE: INNOVATION MEETS OPPORTUNITY

The Big Data & Al Summit 2025 promises to be our biggest and best event yet, bringing together top industry leaders, innovators, and experts to explore the future of data and Al. With expanded sessions, cutting-edge technologies, and unparalleled networking opportunities, this year's summit will set new standards for innovation and collaboration in the ever-evolving data landscape. You can expect to...

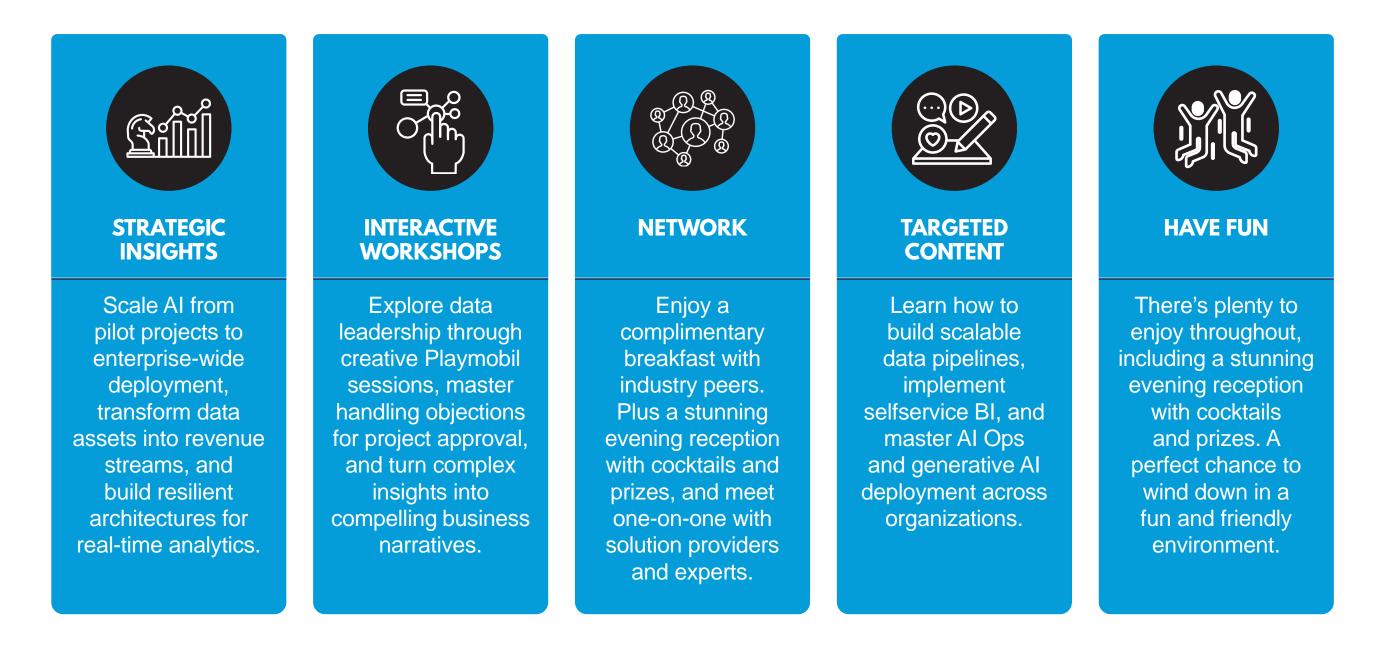


Connect with experts from **Netflix, Airbnb, Thomson Reuters**, and **NRC** across three incredible tracks: Data Engineering, Business Intelligence, and AI Innovation. From workshops to case studies, master AI scaling, data monetization, and democratization.

Join visionaries transforming data-driven decision-making—and unlock what's next for your organization.

WHY ATTEND?

Discover countless reasons to be part of the 11th edition of this exceptional event! At Big Data Canada, we're dedicated to crafting a personalized experience that guarantees an outstanding two days, delivering maximum ROI for you and your organization. Here's why you won't want to miss joining us in 2024.



NETWORK AND HAVE FUN

Networking and fun take center stage at this year's event, offering the perfect balance of professional connections and social experiences. Start your day with engaging conversations at our networking breakfasts, where you can meet industry peers over coffee and fresh bites. In the evening, unwind at our cocktail reception, where great drinks, lively discussions, and new opportunities come together in a relaxed, social setting.



AGENDA AT A GLANCE

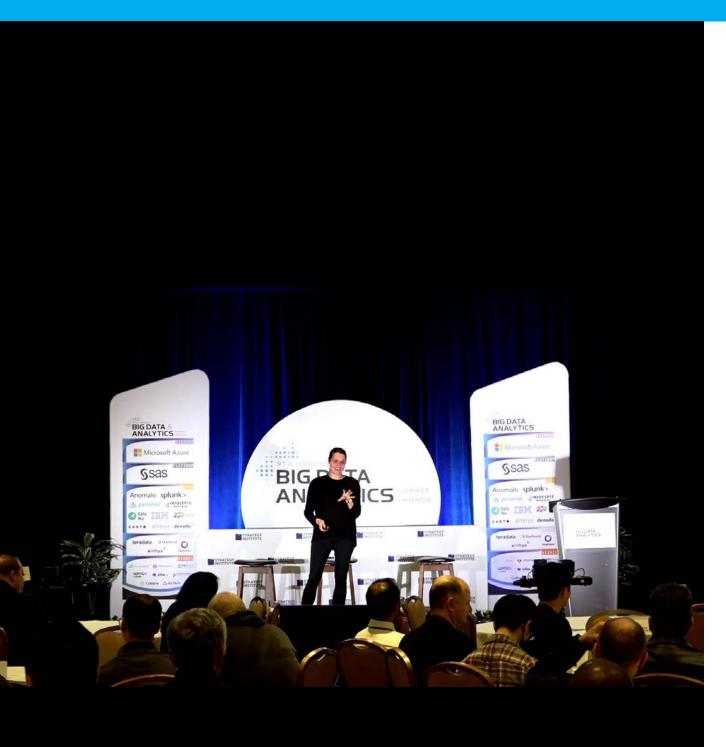
From expert-led sessions and thought-provoking keynote speakers to interactive workshops and networking opportunities, every moment at Big Data Canada is designed to inspire, engage, and equip you with the insights and tools needed to succeed. Prepare for a day filled with innovative ideas, meaningful connections, and valuable takeaways that will elevate your experience and leave you motivated for what lies ahead.

STRATEGIC INSIGHTS	INTERACTIVE WORKSHOPS	NETWORK
 Scale AI initiatives from pilot to enterprise-wide deployment Transform data assets into new revenue streams Build resilient data architectures for realtime analytics solutions 	 Data leadership journey exploration through creative Playmobil sessions Master objection handling for resource and project approval Transform complex data insights into compelling business narratives 	 Breakfast networking with industry peersand thought leaders Evening reception with cocktails and prize give aways One-on-one meetings with solution providers and expertsLIVE
LIVE DEMOS	WORLD-CLASS CONTENT	FUTURE TRENDS

WHO ATTENDS?

We pride ourselves on having attendees from some of the biggest brands across the big data landscape. This is your opportunity to join them and be a part of the incredible story Big Data Canada 2025.





OUR PARTNERS



TESTIMONIALS

Don't just take our word for it! Here's what some of our previous delegates have said about this incredible summit.

66

Professional event with premier speakers discussing the immediate landscape of data and AI and the future of the industry.



The event was well

organized and surpassed my

expectations.

66

A great line up of speakers with timely and relevant advice and tips for the world we live in today. From chat GPT to storytelling about data, the info was interesting and useful to senior leaders and data scientists.





Either send your CIO or send your people who need to advise them. The info is gold.





Event was well organized and educational. Also presented a lot of opportunity to connect with peers.





Excellent networking event with great Canadian content.



SPEAKER LINE UP

Our agenda is delivered by the best data experts across the industry. Not only will you get to hear from world class speakers at the top of their game, you get to meet and network with them.



Lori Bieda Chief Data and Analytics Officer BMO Financial Group



Michon Williams CTO Walmart Canada



Eugene Y. Wen Global Chief Data Scientist Manulife



Brandon Milner CIO & SVP Digital & Data Engineering EllisDon Corp



MANY MORE 7

Charu Pajuri VP, Engineering and Data Science Loblaws



David Lloyd Chief Al Officer Dayforce



Amar Narain CIO & SVP Pizza Pizza



Farah Ismail Chief Privacy Officer SEHealth



Ezequiel Machabanski VP of Insights & Analytics EllisDon Corp



Mateusz Ujma Ph.D, Senior Director, Data Science Canadian Tire

SPEAKER LINE UP

Our agenda is delivered by the best data experts across the industry. Not only will you get to hear from world class speakers at the top of their game, you get to meet and network with them.



Lovell Hodge Vice President Data and Adaptive Intelligence Munich Re Canada



Luis Caballero VP Marketing Analytics Hello Fresh



Fatih Nayebi Vice President, Data & Al ALDO



Dr. Katya Kudashina Senior Director, AI and Machine Learning **Dayforce**



MANY MORE 🔊

Allen Siu Sr. Director of Engineering Loblaws



Jeff Kurys Director Al **Bell**



Sana Javed Director, Enterprise Risk Management -Risk Analytics CIBC



Vivi Song Director of Data Science Rogers Communications



Nick Theodorou Director of Data & Al CAE



Jonathan Wiersma Director - Data and Analytics Centre Johnson & Johnson

7:45 AM NETWORKING BREAKFAST: BUILD COMMUNITY CONTACTS

- Start your day off right and connect with **big data and analytics leaders**.
- Get to know your data peers and colleagues over a delicious breakfast.
- Source practical tips, discuss **best practices** and prepare for the day ahead.

8:45 AM OPENING COMMENTS & ICE BREAKER FROM YOUR HOST

Gain insight into today's sessions so you can get the most out of your conference experience.

9:00 AM (C-SUITE PANEL)

DeepSeek and the Rise of Agentic AI: Redefining Autonomy in Artificial Intelligence Argentic AI offers a transformative approach to leveraging big data, enabling organizations to tackle complex challenges and enhance decision-making. Take back to your team strategies to:

- Adopt Argentic AI that will seamlessly integrate with analytics and big data to create flexible, scalable solutions. Build successful projects that blend data, AI agents, and analytics.
- Evaluate and enhance the flexibility of your analytics infrastructure for Al implementation
- Address data imperfections with Argentic AI to improve data quality and outcomes
- Position and structure data teams to drive success in projects that combine big data, analytics, and AI.

Unlock the potential of Argentic AI to create smarter, more resilient data ecosystems and achieve breakthrough results.

Eugene Y. Wen, Global Chief Data Scientist, Manulife

Fatih Nayeb, Vice President, Data & AI, ALDO

Tudor Morosan, PhD, Co-Founder & CTO, CRE-X Markets and former Chief Data and Advanced Analytics Officer, BMO (MODERATOR)

Shanawaz Janmohamed, Analytics Director, Function Group Analytics

9:30 AM OPENING KEYNOTE

Tech Talent: People at the Heart of Al

Al is transforming businesses, but at its core, success depends on people. This session explores key lessons from building Al agents at BMO, revealing how Al is reshaping recruitment, employee engagement, leadership, and L&D. As organizations adopt Al-driven workflows, understanding the evolving relationship between humans and Al is crucial. Take back to your organization strategies to:

- Define the role of humans in Al-driven decision-making and operations
- Implement effective change management strategies for AI adoption
- Foster a culture of continuous learning and upskilling to align with AI advancements

Ensure your workforce is empowered to thrive in an AI-powered future by placing people at the center of transformation.

Lori Bieda, Chief Data and Analytics Officer, North American Personal and Business Bank, BMO Financial Group

10:00 AM INDUSTRY EXPERT

How Synthetic Data Fuels Al Innovation and Reduces Bias

Synthetic data generation is emerging as a powerful solution to build fair and equitable AI systems. Source practical tips to:

- Use synthetic data as an effective solution to challenges of bias and underrepresentation in traditional datasets.
- Optimize Generative AI technologies by leveraging synthetic data.
- Enhance ethics and governance in AI development with synthetic data.

Advance the privacy, ethics, and reliability of data driving your AI with synthetic data.

Gary Burnette, CDO, Kyndryl

10:30 AM EXHIBITOR LOUNGE: VISIT BOOTHS & SOURCE EXPERTISE

- Explore the latest **big data and analytics technology** and strategies with our industryleading sponsors.
- Share your challenges with the **biggest innovators** in the business.
- Schedule one-to-one private meetings for personalized advice.

11:00 AM KEYNOTE

GenAl for Business: Build, Scale, and Beyond

Generative AI (GenAI) is reshaping industries, offering unprecedented opportunities to innovate and drive value. Align with the technical advancements to:

- Identify and develop high-impact GenAl use cases tailored to your business needs
- Overcome challenges in deploying and scaling GenAl solutions across your organization
- Foster leadership alignment to maximize the strategic value of GenAl investments. Discover the pivotal role of strategic and business leadership in achieving GenAl success

Unlock the full potential of GenAI by integrating technical expertise with visionary business leadership.

Eugene Y. Wen, Global Chief Data Scientist, Manulife

11:30 AM INDUSTRY EXPERT

Empowering Innovation: Democratizing AI and Analytics with Low-Code/No-Code Platforms

Low-code and no-code platforms are transforming data and AI capabilities. Enable employees across various roles to build, deploy, and manage analytics models without extensive technical expertise. Adopt best practices to:

- Identify use cases where low-code/no-code solutions can maximize team productivity and speed up deployment.
- Implement workflows that simplify data integration, model building, and visualization for non-technical users.
- Foster a culture of data-driven decision-making by empowering employees across all departments with accessible AI tools.

Achieve innovation at scale to drive accessible AI adoption across your organization and accelerate business growth.

12:00 PM PANEL

Unlocking New Revenue Streams: Monetizing Your Data Assets

Monetize data assets effectively, transforming raw information into valuable, revenuegenerating offerings. Create a roadmap to:

- Identify high-value data assets and assess their monetization potential within your industry.
- Develop data products and services that meet customer needs while enhancing competitive advantage.
- Implement frameworks for data governance and compliance to protect and maximize data value.

Increase strategies to turn your data into a strategic business asset to unlock new revenue opportunities and foster long-term growth.

Aneesh Joshi, Director - Tech Advisory, Commercial Advisory & Strategy, Infrastructure Ontario

Jinal Patel, Technical Program Manager, Telus

Bala Gopalakrishnan, Former CDO, Pelmorex (The Weather Network)

12:30 PM NETWORKING LUNCH: DELVE INTO INDUSTRY CONVERSATIONS

- Meet interesting speakers and pick their brains on the latest data issues.
- Expand your network and make connections that last beyond the conference.
- Enjoy great food and service while engaging with your **big data and analytics colleagues**.

1:30 PM EXHIBITOR LOUNGE: VISIT BOOTHS & WIN PRIZES

- Browse through different sponsor booths and test drive innovative technology.
- Enter your name for a chance to win exciting prizes.
- Take advantage of event-specific offers and exclusive content.

DAY 1 - Wednesday, June 4, 2025

1:45 PM

TRACK 1: DATA ENGINEERING & ARCHITECTURE

CASE STUDY

Building a Scalable Data Engineering Practice for the Modern Enterprise

Create resilient, future-proof data engineering frameworks capable of evolving with business needs. Master the success factors to:

- Architect flexible pipelines that support high-volume, high-variety data ingestion and transformation.
- Enable real-time data processing and analytics for faster, more responsive decision-making.
- Optimize integration with legacy systems while preparing for future data sources and analytics demands.

Perfect a comprehensive roadmap for establishing a robust engineering practice to ensure seamless scalability and optimize data integration.

Allen Siu, Sr. Director of Engineering, Loblaws

TRACK 2: ANALYTICS & BI

CASE STUDY

Driving Transformation with an Analytics Maturity Model: Lessons from Three Organizations

Adopt an analytics maturity model that has been implemented across three leading organizations, helping you elevate your data and analytics capabilities. Take back key frameworks to:

- Apply an actionable analytics maturity model to assess and evolve your organization's data capabilities
- Drive measurable business impact through data-driven decision-making and advanced analytics
- Engage executives and foster alignment between data teams and business leaders

Explore the future of data, AI, and the evolving role of the Data & Analytics function as critical enablers of organizational growth and innovation.

Matthew St John, Senior Director, Data & Analytics, Digital, BC Ferries

TRACK 3: AI

CASE STUDY

Scaling AI with AI Ops: Automating and Optimizing ML in Production

As organizations expand their AI initiatives, ensuring efficient management, retraining, and optimization of models in production has become essential. Implement AI Ops to support continuous model performance and scalability. Source practical tips to:

- Automate the monitoring and retraining of AI models to maintain accuracy and relevance over time.
- Design robust AI Ops frameworks that proactively detect and address performance issues.

• Integrate AI Ops into existing workflows for seamless, optimized model management at scale.

Amplify AI scalability with AI Ops tools to ensure continuous model optimization and alignment with business goals.

Palash Thakur, Chief Data Officer, Interac

2:15 PM

TRACK 1: DATA ENGINEERING & ARCHITECTURE

ROUNDTABLE DISCUSSION

Accelerating Collaboration with DataOps: Bringing Agility to Data Engineering

DataOps promotes continuous integration, delivery, and monitoring of data flows to improve team collaboration and accelerate insights. Adopt best practices to:

- Implement agile DataOps practices that promote teamwork and reduce pipeline bottlenecks.
- Establish automated monitoring and feedback loops to ensure data accuracy and flow efficiency.
- Align DataOps with business goals to create a responsive, data-driven culture.

Optimize your DataOps environment to support agile data engineering, ensuring a resilient and efficient data infrastructure for your organization

TRACK 2: ANALYTICS & BI

ROUNDTABLE DISCUSSION

Scaling Predictive and Prescriptive Analytics: From Insights to Action

Adopt strategies for expanding analytics infrastructure, integrating with existing systems, and overcoming barriers to adoption. Achieve a step-by-step action plan to:

- Build scalable data pipelines that support predictive and prescriptive analytics across diverse use cases.
- Develop frameworks to ensure analytics outputs are actionable and aligned with business objectives.
- Encourage cross-department collaboration to foster an analyticsdriven culture and seamless implementation.

Amplify your analytics initiatives with practical insights and peer-driven strategies that deliver real business impact across your organization.

DAY 1 - Wednesday, June 4, 2025

TRACK 3: AI

ROUNDTABLE DISCUSSION

The Deepseek Edge- Harnessing Open Source for Accelerated AI Development

Execute these tools effectively and navigate the complexities of security, scalability, and integration within your enterprise environment. Create a roadmap to:

- Adopt best practices for using open-source AI tools while maintaining robust security protocols.
- Develop strategies for ensuring scalability and seamless integration of open-source solutions into existing infrastructures.
- Build a culture of collaboration and continuous improvement through community engagement and contribution.

Bolster innovation in your AI projects by fully leveraging open-source resources.

3:00 PM			
TRACK 1: DATA ENGINEERING & ARCHITECTURE	TRACK 2: ANALYTICS & BI		
INDUSTRY EXPERT	PANEL		
	Overcoming Barriers to Real-Time Analytics: Scaling for Success		
	Harness cutting edge insights by mitigating infrastructure limitations and overcoming the complexity of integrating data from multiple sources in real-time. Develop a blueprint to:		
	 Evaluate and upgrade infrastructure to support real-time data processing and analytics. 		
	 Develop integration frameworks that streamline the ingestion and processing of data from diverse sources. 		
	 Implement best practices for ensuring data quality and reliability in real-time analytics initiatives. 		
	Impact real-time analytics for enhanced decision-making and business agility.		
	Jupsimer Singh, Data & Business Systems Lead, Vale Base Metals		
	Rahul Gupta ,Senior Manager, Data Architecture (Data & Analytics), Air Canada		

TRACK 3: AI

CASE STUDY

Trustworthy AI: From Ideation to Model

What is a reliable approach for developing trustworthy AI? Whether you are just getting started or already on your journey, leaders need real world strategies for the delivery of products using both generative and non-generative models. Walk away with a blueprint for:

- Developing and deploying trustworthy models.
- Adapting approaches for smaller, privately hosted LLMs and non-generative models.

Protect your brand while you drive innovation through AI

David Lloyd, Chief Al Officer, Dayforce

TRACK 1: PRACTICAL

Complex Data Insights into Compelling

Translate intricate analytics into impactful

Distill complex data into clear,

stories that resonate with stakeholders and

actionable insights that align with

drive decision-making. Create a storyboard to:

Leverage visualization and storytelling

tools to enhance data presentation.

Bridging the Gap: Transforming

WORKSHOP

•

Business Narratives

business priorities.

Dr. Katya Kudashina, Senior Director, AI and Machine Learning, Dayforce

Christian Lemieux, Director of Algorithms and Machine Learning, Dayforce

3:30 PM EXHIBITOR LOUNGE: ATTEND VENDOR DEMOS & CONSULT INDUSTRY EXPERTS

- Enjoy **exclusive sponsor demos** and experience the next level of big data and analytics innovation firsthand.
- Meet one-on-one with leading solution providers to discuss organizational hurdles.
- Brainstorm solutions and gain new perspectives and ideas.

4:00 PM

TRACK 2: INDUSTRY EXPERT EXPERIENTIAL

WORKSHOP: DATA LEADERSHIP

You the Data Leader – Past, Present, and Future – A Journey Through Playmobil

Connect with other data leaders in a colourful, co-created session designed to help you generate new insights about how to think about, talk about, and plan for the future of data leadership. Source practical tips to:

 Identify critical skill sets and mindsets to integrate into your leadership development plan.

Heighten your organization's impact through the power of data-driven storytelling.

Daniel Capriles, Director Advanced Analytics & AI, BDC

 Enhance your continuous learning and adaptability to stay ahead in the dynamic data landscape.

Vivi Song, Director of Data Science Rogers Communications

4:45 PM

TRACK 1: PRACTICAL

WORKSHOP

Trustworthy AI: Overcoming Bias, Enhancing Explainability, and Managing Risk

Develop critical strategies for ensuring Al remains reliable, ethical, and effective. Take back to your organization strategies to:

- Address hallucination and bias in Generative AI to ensure fair and accurate outcomes
- Improve explainability in predictive models within highly regulated industries
- Develop risk mitigation strategies that align with ethical AI principles and compliance requirements

Ensure your AI initiatives are built on a foundation of trust, accountability, and responsible innovation

Lovell Hodge, Ph.D, Vice President Data and Adaptive Intelligence, Munich Re Canada

TRACK 2: EXPERIENTIAL

WORKSHOP

Bridging the Gap- Connecting Coders and Non-Coders for Business Success

Break down silos, improve communication, and align technical execution with business goals. Take back to your organization strategies to:

- Foster collaboration between data teams and business stakeholders to accelerate innovation
- Implement tools and processes that make analytics accessible to nontechnical users
- Bridge the skills gap with training, shared frameworks, and cross-functional teams.

Unlock the full potential of your data initiatives by creating a culture where coders and non-coders work together seamlessly.

Jonathan Wiersma, Director - Data and Analytics Centre, J&J Innovative Medicine

5:30 PM CLOSING COMMENTS FROM YOUR HOST

Review the key solutions and takeaways from today's sessions. Source a summary of action points to implement in your work. Discuss tomorrow's highlights!

5:45 PM EVENING RECEPTION: ENJOY GREAT CONVERSATION, MUSIC, & NETWORKING

- Relax and unwind with tasty cocktails after a long day of learning.
- Don't miss your chance to win fun prizes at our Reception Gift Giveaway.
- Make dinner plans with your **new connections** and enjoy the best of what Toronto nightlife has to offer. Just be sure to set your alarm for Day 2!

6:00 PM CONFERENCE ADJOURNS TO DAY 2

RSVP NOW 7

DAY 2 - Thursday, June 5, 2025

7:45 AM NETWORKING BREAKFAST: BUILD COMMUNITY CONTACTS

- Start your day off right and connect with **big data and analytics leaders**.
- Get to know your data peers and colleagues over a delicious breakfast.
- Source practical tips, discuss **best practices** and prepare for the day ahead.

8:45 AM OPENING COMMENTS FROM YOUR HOST

Get an overview of today's sessions so you can get the most out of your conference experience.

9:00 AM OPENING FIRESIDE CHAT

Unlocking the Future: Capitalizing on Generative AI and ML

Ontologies play a critical role in leveraging General AI and Machine Learning for business growth. To be competitive in the digital era, transforming organizational data infrastructure to harness these key technologies is key. Adopt key strategies for:

- Deploying these technologies in the most effective way
- Optimize data utilization to drive innovation

Utilize ontological structure and cutting-edge AI to ensure your organization stays ahead in the rapidly evolving data landscape.

Brandon Milner, CIO, EllisDon Corp

Ezequiel Machabanski, VP of Insights & Analytics, EllisDon Corp

9:30 AM PANEL: INDUSTRY EXPERT

Bridging the Knowledge Gap: Enhancing Al Understanding Across Your Organization

Enhance revenue and efficiency by fostering a culture of AI literacy. Empower employees and enhance the effectiveness of AI initiatives. Source practical tips to:

- Assess current employee understanding of AI and identify training needs.
- Develop effective training programs to enhance AI literacy across all levels of the organization.
- Promote a collaborative environment where employees feel comfortable engaging with AI technologies and contributing to project success.

Improve AI literacy to unlock its full potential within your organization. **David Legendre**, Vice President - Data & Analytics, MTYGroup **Shadi Balandeh**, AI and Data Science Manager, TELUS **Qahir Rajwani**, Director Data Science and Analytics Solutions, HOOP

10:00 AM INDUSTRY EXPERT

Aligning Data Strategies with Business Objectives: Breaking Down Silos for Success

Organizations often face the challenge of developing data strategies in isolation, leading to misalignment with overall business objectives and key performance indicators (KPIs). Integrate data initiatives with business goals to drive meaningful results. Master the success factors to:

- Identify and align data initiatives with strategic business objectives and KPIs.
- Create a collaborative environment that encourages cross-functional communication.
- Use case studies to demonstrate the successful alignment of data strategies with business goals, highlighting their impact on performance.

Master a cohesive approach to data that breaks down silos and drives value.

10:30 AM ROUNDTABLES -- DISCOVER THOUGHT-PROVOKING IDEAS

Take a deep dive down the innovation rabbit hole in one of our roundtable discussions. Share challenges and best practices with your big data and analytics peers on a topic of your choosing:

- **1. Driving Al Innovation While Managing Ethical and Privacy Concerns** Explore the challenges and opportunities of deploying Al at scale, while balancing privacy, transparency, and ethical responsibilities.
- 2. Building a Data-Driven Culture: From Top-Down to Bottom-Up Adoption Discuss strategies to foster a truly data-driven organization by aligning leadership vision with on-the-ground data literacy initiatives.
- 3. The Data Mesh Revolution: Decentralizing Data Ownership Across the Enterprise Dive into the emerging data mesh paradigm, which decentralizes data management by assigning domain-specific ownership.

DAY 2 - Thursday, June 5, 2025

- 4. The Future of Real-Time Analytics: How to Drive Value from Streaming Data Explore the growing demand for real-time analytics in industries from retail to finance, where speed of insight is critical. Topics include infrastructure considerations, use case prioritization, and overcoming the operational challenges of maintaining real-time data quality.
- Unlocking Value with Data Democratization While Ensuring Security and Compliance Consider the balance between empowering employees with data access and maintaining security and compliance standards.

11:00 AM EXHIBITOR LOUNGE: VISIT BOOTHS & SOURCE EXPERTISE

- Explore the latest **big data and analytics technology** and strategies with our industryleading sponsors.
- Share your challenges with the **biggest innovators** in the business.
- Schedule one-to-one private meetings for personalized advice.

11:30 AM

TRACK 1: ETHICAL ARCHITECTURES & ANALYTICS

CASE STUDY

Ensuring Privacy by Design: Building Robust Data Architectures in Compliance with Stricter Regulations

Protect your brand and implement a comprehensive approach to data privacy, focusing on robust anonymization, encryption, and access controls to safeguard sensitive information. Achieve a step-by-step action plan to:

- Integrate privacy-by-design principles into existing data architectures.
- Implement effective data anonymization and encryption strategies to protect sensitive information.
- Achieve compliance with stringent data privacy regulations.

ADAPTIVE GOVERNANCE & SECURITY PANEL

Al Leadership and Ethics amidst uncertainty: Navigating Governance, Innovation, and Responsibility

TRACK 2:

Balance innovation with ethical responsibility, navigate governance challenges, and ensure AI is deployed in a way that aligns with enterprise values and societal expectations. Take back to your organization strategies to:

- Establish AI governance frameworks that ensure transparency, fairness, and accountability
- Align AI initiatives with evolving policies, regulations, and public expectations

Foster responsible AI leadership .

Dean McKeown, Director, Master of Management & Artificial Intelligence, Smith School of Business (MODERATOR) Master data privacy practices to build a resilient architecture that fosters trust and safeguards sensitive information.

Michon Williams, CTO, Walmart Canada

Jordan Loewen-Colón, PhD, Smiths School of Business, Assistant Professor of AI Ethics and Policy, Smiths School of Business

Achille Ettorre, Advisory Board - Master of Management Analytics & Master of Management Artificial Intelligence, Smiths School of Business

12:00 PM

TRACK 1: ETHICAL ARCHITECTURES & ANALYTICS

PANEL

Ensuring Fairness in AI: Designing Architectures for Equity and Accountability

Protect your most valuable data. Detect and mitigating biases in data sources and AI algorithms while fostering transparency and accountability throughout the AI lifecycle. Develop a blueprint to: :

- Adopt frameworks for identifying and addressing biases in data and algorithms.
- Enhance transparency and accountability in building trust in AI systems.
- Build credibility with executives, teams, and customers through fair AI practices.

Amplify innovation and brand building to foster trust and drive long-term success in your organization.

Farah Ismael, Chief Privacy Officer, SEHealth **Andrea Yzeiri**, Chief Data & Analytics Officer and Lead AI Engineer, Picsumi

Vivek Saahil, Principal Lead – Strategic Business Analysis, Pratt & Whitney Canada

Steven Liang, Strategic Data Governance & Data Management Lead, CN Rail

Nadia Jandali Chao, Partner -Privacy, Health& Governance, Lerners LLPMODERATOR

TRACK 2: ADAPTIVE GOVERNANCE & SECURITY

PANEL

Navigating the Data Governance Tightrope: Balancing Access, Security, and Compliance

Drive innovation while enhancing privacy and security with a unified governance framework. Take back to your office strategies to:

- Adopt the key components of a unified data governance framework and understand how they interconnect.
- Align data governance with business objectives and agile practices.
- Incorporate effective change management strategies for implementing a comprehensive governance model.

Achieve better decision-making by fostering a culture of trust in data and AI.

Nick Theodorou, Director of Data & AI, CAE

Alok Ranjan, Engineering Manager, Dropbox

Amar Narain, CIO & SVP, Pizza Pizza Limited

Sana Javed, Director, Enterprise Risk Management - Risk Analytics, CIBC

12:30 PM

TRACK 1: INDUSTRY EXPERT

Driving Efficiency in Data Engineering through Automation

Automation is emerging as a transformative trend in data engineering, empowering organizations to adopt automated tools for building, monitoring, and managing data pipelines. Source your plan of action by:

- Identifying and implementing automated tools that streamline data pipeline processes and reduce operational overhead.
- Enhancing the reliability and performance of data pipelines through continuous monitoring and automated alerts.
- Shifting the focus from routine tasks to strategic initiatives that optimize data architecture and drive business value.

Improve efficiency and effectiveness in data engineering by leveraging automation.

0 PM

TRACK 2: INDUSTRY EXPERT

Beyond the Pilot: Scaling AI for Enterprise Impact

Drive AI initiatives beyond proofs of concept to achieve measurable impact at scale. Develop a blueprint to:

- Design scalable AI architectures that integrate seamlessly into existing workflows.
- Address common obstacles in data availability, infrastructure, and crossfunctional collaboration for enterprise deployment.
- Align Al projects with business objectives to ensure long-term value and secure organizational support.

Amplify the impact of AI at scale and turn promising pilots into enterprise-wide success stories.

1:00 PM

NETWORKING LUNCH: DELVE INTO INDUSTRY CONVERSATIONS

- Meet interesting speakers and pick their brains on the latest data issues.
- **Expand your network** and make connections that last beyond the conference.
- Enjoy great food and service while engaging with your **big data and analytics colleagues**.

2:00 PM EXHIBITOR LOUNGE: VISIT BOOTHS & WIN PRIZES

- Browse through different sponsor booths and test drive innovative technology.
- Enter your name for a chance to **win exciting prizes**.
- Take advantage of event-specific offers and exclusive content.

2:30 PM

TRACK 1: STRATEGIC LEADERSHIP

Empowering Data Leadership: Personal

Branding and Culture Transformation in

Understanding the intersection of personal

essential for effective leadership in today's

branding and cultural transformation is

data-driven world. A strong personal

brand is not just an asset but a strategic

and opportunities. Leave with valuable

Engage teams and stakeholders

Build an influential personal brand

that resonate within and beyond your

Nasheen Liu, Partner & SVP CIO Program

effectively, driving collaboration across the

Embed data literacy and analytics into the

organizational culture to fuel performance

necessity for navigating digital challenges

CASE STUDY

the Age of Al

strategies that:

•

•

organization.

and innovation.

organization.

Strategy, The IT Media Group

TRACK 2: TECHNICAL MANAGEMENT

CASE STUDY

Driving Innovation through Strategic Vendor Partnerships in Data and Analytics

Harness the best tools by navigating an intricate eco-system of vendors that provide platforms and capabilities at scale while meeting your unique organizational needs. Achieve a step-by-step action plan to:

- Influence vendors to align their product development pathways with your organizational needs.
- Facilitate collaboration between vendors to drive interoperability and key functionality.
- Harness external expertise to introduce innovative solutions that enhance data capabilities and analytics outcomes.

Transform your organization's data and analytics innovation journey through strategic vendor partnerships.

3:00 PM

TRACK 1: STRATEGIC LEADERSHIP

CASE STUDY

Building a Modern Data Strategy: Aligning Business Goals with Analytics Excellence

Create a future-ready data strategy that aligns with your business goals, ensures scalability, and fosters innovation. Take back to your organization strategies to:

- Harness the power of cloud first strategies
- Modernize data infrastructure to enable real-time insights and scalability
- Implement governance frameworks to ensure data quality, security, and compliance.

Empower your organization to thrive in the digital era with a data strategy that turns challenges into opportunities.

Iris Z. Wang, Head of Analytics, AI and Automation Strategy, Metrolinx

Sumeet Bhatia, Senior Director | Head of Data Strategy and Enablement, Sun Life

Diponkar Paul, Associate Director, OMERS (MODERATOR)

Sandeep Agarwal, Senior Director of Technology - Global Wealth Engineering, Scotiabank

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TRACK 2: TECHNICAL MANAGEMENT

CASE STUDY

Bridging the Gap: Balancing Technical Expertise and Business Acumen in Data-Driven Strategies

Building successful data and analytics initiatives requires more than technical skills alone. Balancing deep technical expertise with strong business knowledge can drive more relevant and impactful analytics, fostering data-driven decision-making. Adopt best practices to:

- Structure cross-functional teams that integrate data science and business expertise.
- Cultivate a shared language and approach for data projects that align with core business goals.

Bolster your strategic impact and organizational buy-in to drive sustainable growth and alignment with long-term business objectives.

Nadeem Fazil, Director of Data Science, Loblaw

3:30 PM

TRACK 1: STRATEGIC LEADERSHIP TRACK 2: TECHNICAL MANAGEMENT

PANEL

CASE STUDY

Impact

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Measuring the Value of Data, Al, and

Adopt the leading frameworks and best

practices for evaluating the success of

organization strategies to:

investments

advantage

transformation efforts.

your digital initiatives. Take back to your

Define meaningful KPIs to measure

the business impact of data and AI

Move beyond vanity metrics to assess

Align digital investments with strategic

with the right metrics and methodologies

Shahir Mishriki, Global Director, Data and

AI, Transformation and Portfolio, Sanofi

Ensure your organization is equipped

to justify and optimize AI and digital

goals to maximize long-term returns

tangible value creation and competitive

Digital Investments: From Hype to

Elevate Your Leadership Brand: Strategies for Transitioning from Technical Management to Strategic Leadership

Strengthen your leadership brand by leveraging your technical background to influence business-wide decisions and drive organizational success from a strategic perspective. Take back to your office strategies to:

- Develop executive presence and communication skills that resonate with C-suite stakeholders.
- Shift from managing projects to defining vision and setting strategic priorities.
- Align data initiatives with broader business goals to foster innovation and drive growth across the organization.

Advance your progress from technical management to strategic leadership to drive transformative change and influence key business outcomes.

Saad Rais, Senior Manager, Health Data Science, Ontario Ministry of Health

Jean-Sébastien Michel, PhD, AVP Data Strategy, Aviva Canada

Vera Cvetkovic, Head Marketing Business Operations & Analytics, Canada Post

Luis Caballero, VP Marketing Analytics, Hello Fresh

4:00 PM EXHIBITOR LOUNGE: ATTEND VENDOR DEMOS & CONSULT INDUSTRY EXPERTS

- Enjoy **exclusive sponsor demos** and experience the next level of big data and analytics innovation firsthand.
- Meet one-on-one with leading solution providers to discuss organizational hurdles.
- Brainstorm solutions and gain new perspectives and ideas.

4:30 PM CASE STUDY: DATA COLLECTION

Discover how to quickly ingest existing data, optimise procedures and train an interactive AI avatar while at the same time becoming compliant with Federal, UN, and EU AI policies. Optimize your AI strategy by:

- Building a framework of the possibilities and limitations of using data to create an adaptive AI representative or personal assistant for front line support
- Adapt (and sometimes ignore) key AI practices in a client first approach for truly heartfelt and inspiring outcomes.

Increase your data privacy and encourage responsible AI use to build trust, safeguard personal information, and promote sustainable growth in Canada's digital economy.

David Parker, Founder, Wishplay

5:00 PM CASE STUDY

Sustainability in AI: Reducing the Carbon Footprint of Data Operations

As sustainability becomes a key focus for organizations, the spotlight is increasingly on reducing the carbon footprint associated with data operations and AI model training processes. Balance technological advancement with environmental responsibility. Adopt best practices to:

- Optimize data storage and processing to minimize energy consumption.
- Implement energy-efficient AI model training and deployment.
- Explore case studies of organizations successfully integrating sustainability into their AI strategies.

Reduce your carbon footprint while harnessing the transformative power of AI.

Bashir Fancy, Former Executive Director at VISA and CEO, Business & Technology Professionals Association of Canada (BIZTEK)

5:30 PM CLOSING COMMENTS FROM YOUR HOST

Review the key solutions and takeaways from the conference. Source a summary of action points to implement in your work.

5:45 PM CONFERENCE CONCLUDES





IITH ANNUAL BIG DATA & ANALYTICS SUMMIT CANADA JUNE 4-5, 2025 I TORONTO

TWO DAYS OF PIONEERING INSIGHTS, TRANSFORMATIVE STRATEGIES, AND PREMIER NETWORKING OPPORTUNITIES!

Step into the future of enterprise innovation at the 11th Annual Big Data & Analytics Summit Canada, taking place June 4–5, 2025 in Toronto. This year's theme, "Democratizing Data & AI: Making Data and AI Work for Everyone," sets the stage for an agenda packed with strategic insights, practical case studies, and real-world implementation strategies.

NAVIGATING AI IMPLEMENTATION:

Discover how leaders from BDC, Metrolinx, and Farm Credit Canada are successfully deploying GenAl and Al Ops across large enterprises. Learn how to integrate Al agents into your workflows, improve governance, and drive adoption without sacrificing ethics or performance. Featured sessions: "GenAl for Business: Build, Scale, and Beyond" & "Al Ops in Production"

BUILDING FUTURISTIC DATA INFRASTRUCTURES:

Get expert blueprints on how to modernize your data stack. Hear from Scotiabank, Dropbox, and Ivanhoé Cambridge on deploying DataOps, cloud-first platforms, and scalable engineering that supports real-time analytics and AI-readiness.

Featured sessions: "DataOps for Agility," "Cloud & Hybrid Architecture," and "Modern Data Strategy".

DECISION-MAKING IN THE AGE OF ANALYTICS:

Whether it's predictive, prescriptive, or real-time analytics, see how brands like Loblaw, KFC Canada, and MTYGroup are transforming decision-making into a strategic engine of growth.

Featured sessions: "Overcoming Barriers to Real-Time Analytics," "Analytics Maturity Model," and "Aligning Data Strategy with KPIs".

FRONTIERS OF GENERATIVE AI & LARGE LANGUAGE MODELS:

Join Netflix, TELUS, Interac, and Johnson & Johnson at the forefront of GenAl innovation. Learn how to scale LLMs, manage memory consumption, and ensure trust, explainability, and ethics in advanced AI.

Featured sessions: "Memory Optimization for LLMs," "Trustworthy AI," and "Low-Code/No-Code Democratization"

CHARTING THE COURSE OF FUTURE AI PROJECTS:

Future-proof your strategy with insight from Sanofi, Sun Life, OMERS, and ALDO. Build the executive buy-in, metrics, and cultural alignment needed to turn AI from pilot to enterprise-wide impact.

Featured sessions: "Beyond the Pilot," "Building Credibility with Executives," and "Measuring AI ROI"