

YOUR FACILITY

CONFIRMED PARTICIPANTS INCLUDE:



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John Jordan
Executive Director, Services Strategy,
Office of the CIO
BC GOVERNMENT



Anna Bodio
Director of Applications and Data
Services, IT Digital Transformation
AER

February 20 – 21, 2019 • Vancouver, BC

BIG DATA & Analytics

for the Public Sector

Unlock the Value in Your Data to Enhance Evidence-Based Decision-Making in Your Organization

- ✓ Address the challenges in cross-jurisdictional data sharing
- ✓ Hear the latest in tools to enhance data-driven decisions
- ✓ Implement business information analysis to public service programs
- ✓ Protect privacy while meeting your objectives
- ✓ Explore how to incorporate blockchain in the way government functions today
- ✓ Learn approaches to procurement to support improved data sharing
- ✓ Discuss the enthusiasm behind visualization and identify where data visualization can be adopted
- ✓ Examine value creation for transactions, assets, contracts, voting, compliance, identity management, supply chain traceability, healthcare, and taxation
- ✓ Hear case studies from Canada, the U.S., all levels of government, and various spheres for application
- ✓ Learn what artificial intelligence means for big data
- ✓ Explore the implications of big data and behavioral science on policy-making

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Big Data & Analytics for the Public Sector

February 20 – 21, 2019 • Vancouver, British Columbia

DAY ONE PROGRAM AGENDA: WEDNESDAY, FEBRUARY 20, 2019

7:30 – 8:30 Registration and Continental Breakfast

8:30 – 8:40

Welcome and Opening Remarks from the Chair

Nicolas Jeffery, Founding Partner, Impresario Consulting

8:40 – 9:40

Top Trends in Data Analytics for the Public Sector

Dan Pollock, Lead Data Scientist, GDX – Government Digital Experience, Government Communications and Public Engagement, Government of British Columbia

- Existing technological limitations and tools to find improvements
- Focusing on the experts - tech talent in the public sector
- Measuring a 'journey' through complex systems
- Determining success factors
- Standardizing metrics across the public sector for better results
- Free your systems from built-in biases
- The latest in privacy protection

9:40 – 10:00

Networking Break



10:00 – 11:00

Underpinning Trust in the Digital Economy - Practical Application the Decentralized Ledger Technology

John Jordan, Executive Director, Services Strategy, Office of the CIO, BC Government

- Current issues preventing seamless service delivery to citizens and businesses
- Overcoming barriers in sharing trustworthy government issued data
- Empowerment of citizens as individuals and business representatives with trustworthy government data
- Bootstrapping a platform ecosystem with the Verifiable Organizations Network
- Approaches to using and contributing to global open standards and open source software

11:00 – 12:00

Digital Transformation with the Alberta Energy Regulator

Tara Mulrooney, CIO, Alberta Energy Regulator

Anna Bodio, Director of Applications and Data Services, IT Digital Transformation, AER

- Digital transformation goes far beyond the IT team
- Managing technology adoption, processes and integration
- Evaluate investments, understand the architecture
- Dig into your core platform strategy and ROI
- Define a plan for platform adoption
- Transform customer experience
- Plan for scalability based on growth analysis

12:00 – 1:15

Luncheon Break

1:15 – 2:15

Vancouver's Agile Data & Analytics Journey

Rene Cravioto, Program Manager, Enterprise Data and Analytics, City of Vancouver

- Creating Enterprise Agile Data Enablement
- Meeting the data lineage and ETL challenges
- Iterative approach to supporting processes and infrastructure
- Basic data governance via the DELPHI process
- Building trust in data
- Challenges of BI Tool Agnostic Approach
- Addressing the spectrum of data fluency/maturity
- The power of vague requirements

2:15 – 2:30

Networking Break



2:30 – 3:30

Analytics and Big Data in Liquor & Cannabis Industry

Shawn Ling, Director, Business Analytics & Data Services, Information Technology, BC Liquor Distribution Branch

- New vs Old – Cannabis vs Liquor
- Social Responsibilities, Compliance & Regulations
- Critical Privacy Issues
- Data-driven Culture
- Opportunities in Analytics
- Data Monetization
- Big Data Journey

3:30 – 4:30

Finding Ethical Roadmaps to Mitigate Risk in AI Deployment

Soyean Kim, Leader, Research and Analytics - Technical Safety BC

- Canada: A possible leader in Ethical AI
- De-identification of the data is primary to digital ethics
- Building consensus on clear ethical principles
- Ethics are not a barrier to innovation
- AI Governance and joint initiatives in the public sector
- Educating staff how to assess risks and opportunities
- Testing and scaling new services
- Ensuring public engagement is genuine and transparent

4:30

End of Day One

VANCOUVER, BC
EVENT LOCATION: VANCOUVER, BRITISH COLUMBIA

Big Data & Analytics for the Public Sector will be held at a convenient downtown location in Vancouver. Detailed venue information will be forthcoming as it becomes available.

Big Data & Analytics for the Public Sector

February 20 – 21, 2019 • Vancouver, British Columbia

DAY TWO PROGRAM AGENDA: THURSDAY, FEBRUARY 21, 2019

7:30 – 8:30 Registration and Continental Breakfast

8:30 – 8:40

Welcome and Opening Remarks from the Chair

Nicolas Jeffery, Founding Partner, Impresario Consulting

8:40 – 9:40

CASE STUDY

Edmonton thrives by using Open Data

Karen Parker, Program Manager, Business Analytics, Analytics Centre of Excellence in Financial & Corporate Services, Edmonton

- Being an early adopter - open data programs for the citizens
- Leveraging Data - The Edmonton Analytics Centre of Excellence
- Understanding the value of big data at the grass-roots level
- Data visualization and interpretation - the strength of numbers
- Relationship building in the public sector is critical to big data success

9:40 – 10:00

Networking Break



10:00 – 11:00

Interactive Data Visualization for Perinatal Services BC online

Theo Rosenfeld - CEO of Engage Data

- Examining maternal health outcome using interactive visualization
- Creating a public resource for health clinicians, health care leaders, health care managers, policy makers, planners, researchers - and the general public
- Applying cognitive science to data visualization and user experience
- Watching out for the pitfalls of a data-driven approach as opposed to purpose driven
- Context is everything - data does not speak for itself
- Focusing on the outcome when building tools to augment intelligence
- Interactive data visualization based on design methodology and user experience

11:00 – 12:00

Analytics Calgary- Working Horizontally in a Siloed Organization

Lisa J. Sierra, Manager, Innovation, Data & External Access, Corporate Program Lead, Analytics Calgary, City of Calgary

- Interpreters Needed! Understanding data as a common language and asset across services
- Uncovering the path to move forward with the right tools
- Creating a movement - ripples of discovery in the process
- Building momentum - Developing essential and robust learning communities
- A Guide to Mobilizing your teams
- Shared success - finding partners and projects to support your vision
- The Data Story - practical tools and templates to tell your big data story

12:00 – 1:15

Luncheon Break

1:15 – 2:15

Empowering Individuals Through Data Sovereignty and Decentralized Platforms

Chris Rowell, Postdoctoral Research Fellow, University of British Columbia

- Issues surrounding the ownership, access, and transfer of personal data and digital assets
- How blockchain can enable "data sovereignty" and the decentralization of digital platforms
- Examples from healthcare and Indigenous data protocols
- Principles for designing ethical data ecosystems
- From plutocracy to meritocracy: How data sovereignty and decentralized platforms change firm strategy

2:15 – 2:30

Networking Break



2:30 – 3:30

Need to Know - IoT applications for Today's Public Sector

Greg Johnston, President, Carl Data Solutions

- Data: the starting point
- Expanding data collection and deriving value from existing data
- Pilot projects: POC's & KPI's
- IoT: An "ecosystem" - multiple parties involved in the delivery
- Finding pathways to End-to-end solutions
- Execution of solutions - investments for the citizens
- Finding sponsors with the vision - the business unit within the city
- Involving Operations: Keeping people involved in change management

3:30 – 4:30

Canada's Digital Technology Supercluster - A Special Information Session

Bill Tam, Co-Founder and VP Business Development, Canada's Supercluster

The Digital Technology Supercluster is a consortium of some of the world's biggest names in healthcare, telecommunications, natural resources and computing, along with start-ups, SMEs, researchers and post-secondary institutions - all working together to solve some of the most pressing productivity, health and sustainability challenges facing Canada and the world today.

4:30

End of Seminar

Big Data & Analytics for the Public Sector

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WHO SHOULD ATTEND THIS EVENT

- CTOs and CIOs
- Managers and senior executives of analytics, business intelligence and IT
- Information analysts, data analysts and data scientists
- Business intelligence analysts and marketing analytics specialists
- Directors of information management
- IT auditors, performance auditors and audit managers
- Program and project managers with analytics and BI responsibilities
- Architects, designers, and developers of analytics systems
- Big Data researchers
- Analytics and business intelligence consultants

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Organization _____

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Name of Approving Manager _____ Title _____

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Course for Groups of 3 +	\$2,199 each	\$1,999 each
Course for Groups of 2	\$2,299 each	\$2,099 each
Course for 1 Registrant	\$2,399	\$2,199



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LOCATION:

Big Data and Analytics for the Public Sector will be held at a convenient location in Vancouver, British Columbia. Detailed venue information will be forthcoming as it becomes available.

YOUR REGISTRATION INCLUDES:

Registration fees include all course materials, continental breakfast, lunch, and refreshments. **Parking and accommodation are not included.**

SPONSORSHIP, EXHIBITION, AND PROMOTIONAL OPPORTUNITIES:

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Substitutions may be made at any time. If you are unable to attend, please make cancellations in writing and email to register@infonex.ca or fax to 1-800-558-6520 **no later than February 6, 2019**. A credit voucher will be issued to you for the full amount, redeemable against any other INFONEX course and which is valid for twelve months (one year) from the date of issue.

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