February 25-26, 2020 • Vancouver, British Columbia

Big Data & Analytics for the Public Sector

Advance your knowledge in government-utilized predictive analytics, data visualization and artificial intelligence

YOUR FACULTY

CONFIRMED PARTICIPANTS INCLUDE:

Nicholas Jeffery,
IMPRESARIO CONSULTING

Dominic Vogel,
Founder & Chief Strategist,
CYBER SC

Laura-Lea Berna,
CIO,
BC TRANSIT

Dinesh Mohan,
Director General, Cloud Services, CTO Branch, SHARED SERVICES CANADA

Benefits of attending:

- 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
- 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 for big data and behavioral science on policy-making

Plus! Get tips for going beyond predictive data and into predictive maintenance

REGISTER TODAY!

CALL 1.800.474.4829 or Email: register@infonex.ca

www.infonex.ca
8:00 – 9:00  Registration and Continental Breakfast

9:00 – 9:10  Welcome and Opening Remarks from the Chair
Nicholas Jeffery, Impresario Consulting

9:10 – 10:00  Top Trends in Data Analytics for the Public Sector

- 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

10:00 – 10:15  Networking Break

10:15 – 11:15  Overcome the Limitations of Your Data

- Improving data quality at collection
- The importance of metadata
- Recognizing the potential of your data
- Understanding the limitations of your data
- Practical tools to overcome limitations

11:15 – 12:15  Underpinning Trust in the Digital Economy - Practical Application the Decentralized Ledger Technology

- 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

12:15 – 1:15  Luncheon Break

1:15 – 2:15  Finding Ethical Roadmaps to Mitigate Risk in AI Deployment

- 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

2:15 – 3:15  Get Your Head in the Cloud! – The GC Cloud Brokering Service
Dinesh Mohan, Director General, Cloud Services, CTO Branch, Shared Services Canada

- Case study: government cloud migration
- Qualifying cloud suppliers
- The cloud and inter-departmental cooperation and initiatives
- Lessons learned from the building of the Cloud Brokering Service

3:15 – 3:30  Networking Break

3:30 – 4:30  Need to Know - IoT applications for Today’s Public Sector

- 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

4:30  End of Day One
8:00 – 9:00  Registration and Continental Breakfast

9:00 – 9:10  Welcome and Opening Remarks from the Chair
Nicholas Jeffery, Impresario Consulting

9:10 – 10:00  Preparing for Threats to Data Integrity
Dominic Vogel, Founder & Chief Strategist, Cyber SC
- How do threats change when attackers are not financially motivated?
- What tools are available to proactively mitigate reputational damage and confusion?
- Strategies for risk mitigation at collection and storage
- Internal threats and innovations in access control
- Case Study/Capability Showcase

10:00 – 10:15  Networking Break

10:15 – 11:15  Standards Development in the Big Data and Analytics Space
- An overview of the Standard Council of Canada initiatives
- Standards Landscape for Big Data and AI
- How to Participate in Standards Development
- How Canadian Innovation in the space is being reflected in Standards;
  - The Canadian Data Governance Standardization Collaborative

11:15 – 12:15  Canada’s Digital Technology Supercluster - A Special Information Session
- Hear the latest developments in digital technology
- Learn how to solve the most pressing sustainability challenges using big data
- Understand data as a common language and asset in your organization
- Practical tools and templates to tell your big data story
- Step-by-step guide to designing ethical data ecosystems

12:15 – 1:15  Luncheon Break

1:15 – 2:15  Creative IT Assurance in the Age of Uncertainty
- Unprecedented 21st Century security threats confront IT systems and users
- New and devastating cyber techniques threaten national stability
- The need for assurance on systems and data greater than ever
- The cyber world is too complex for the “us versus them” audit approach
- No one group is the “fountain of IT knowledge.” Audit and IT must work together

Laura-Lea Berna, CIO, BC Transit
- Consent - how does consent given at collection by a data subject interact with changes of ownership or administration at the collecting entity?
- Collection – can policy on data collection shift us away from the “collect it all” mentality? What are the benefits of that shift?
- Processing - can policy improve the accuracy and interoperability of the information put in the hands of decision makers?
- Operationalization – addressing algorithmic bias & exploring explainable AI from a policy viewpoint
- Retention - How can policy around retention standards improve outcomes?
- How can practicality and impact be balanced within digital policy?
- Where is digital policy going?

3:15 – 4:15  From Capacity to Build Statistics to Data Analytics Capacity Building
- Recognize the types of data available and how they can be harvested
- The power and limits of data and resulting conclusions
- The importance of questioning and assessing quality
- Anchoring the approach in a scientific and transparent framework

4:15  End of Seminar

SPONSORSHIP AND EXHIBITION OPPORTUNITIES
Increase your visibility with senior business strategy, technology, analytics, and business intelligence professionals at Big Data and Analytics for the Public Sector. A limited number of sponsorship options are available.
For more information or to check availability, contact our sponsorship department by telephone at 416.507.4202, or by email at sponsorship@infonex.ca.
Big Data & Analytics for the Public Sector
February 25-26, 2020 • Vancouver, British Columbia

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

REGISTER BY PHONE, ON-LINE, OR IN THESE 3 EASY STEPS!

1. PRINT YOUR NAME AND CONTACT INFORMATION

Mr./Ms./Mrs.__________________________________________Title______________________________
Organization ____________________________________________
Telephone ( ) ___________________________ Ext __________ Fax ( ) _________________________
Email address ____________________________________________
Name of Approving Manager ______________________________Title____________________________
Address __________________________________________________
City __________________________ Province ______ Postal Code _________________________
Company’s main line of business ____________________________________________Number of Employees:________

2. SELECT YOUR PREFERRED PAYMENT METHOD

<table>
<thead>
<tr>
<th>Prices subject to HST.</th>
<th>FULL PRICE</th>
<th>Register by October 18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course for Groups of 3+</td>
<td>$2,199 each</td>
<td>$1,699 each</td>
</tr>
<tr>
<td>Course for Groups of 2</td>
<td>$2,299 each</td>
<td>$1,799 each</td>
</tr>
<tr>
<td>Course for 1 Registrant</td>
<td>$2,399</td>
<td>$1,899</td>
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</tbody>
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*Groups must register together at the same time to be eligible for group rates.

- Method of Payment:  □ VISA  □ MasterCard  □ Cheque enclosed, payable to INFONEX Inc.

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3. SEND US YOUR REGISTRATION

GST/HST No. R134050012

@ EMAIL: register@infonex.ca
☎ TELEPHONE: 1.800.474.4829

Website: www.infonex.ca

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:
Increase your visibility with senior business strategy,
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telephone at 416.507.4202, or by email
at sponsorship@infonex.ca.

CANCELLATION POLICY:
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 11, 2020. 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.

Registrants who cancel after
February 11, 2020, will not be eligible to receive any credits and are liable for the
entire registration fee.

Confirmed registrants who do not cancel by February 11, 2020 and fail to attend
will be liable for the entire registration fee.

DISCOUNT CODE: 1353-W

INFO

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