

October 23 – 24, 2018 • Ottawa, Ontario

& **BIG DATA** **Analytics** for the Public Sector

“
Really appreciated the shared experiences and actual experiences of several projects to put this into context.”

— **Senior Director,
Strategic Costing and Statistical Analysis
DEPARTMENT OF VETERANS AFFAIRS**

“
Great to see work from other levels of government. Presentations were well structured.... Going back with insight and ways to collaborate.”

— **Director, Data Analytics and
Information Management
TRANSPORT CANADA**

“
Nice to see what others are doing in the big data space. Happy to see all the creative ways organizations are using data to provide insights.”

— **Advisor and Senior Developer,
TREASURY BOARD SECRETARIAT**

“
Interesting application of big data/analytics projects....Wide variety of speakers/topics.”

— **Advisor and Senior Developer,
TREASURY BOARD SECRETARIAT**

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

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DAY ONE PROGRAM AGENDA: TUESDAY, OCTOBER 23, 2018

7:30 - 8:30 Registration and Continental Breakfast

8:30 - 8:45

Welcome and Opening Remarks from the Chair

8:45 - 9:45

Supporting Strategic Policy Development in the Public Sector Using Big Data

- How to develop data projects to support government key decisions
- Working across organizations to get the right data
- How senior level government officials use data to drive decisions
- Tips to influence the right decisions makers using analytics
- Implications for the sustainability of government's effective use of big data

9:45 - 10:30

Newly Emerging Best Practices for Big Data

- How to identify, capture and analyze big data
- Insights that drive strategic business decisions
- Understanding data sciences and algorithmic approaches
- How to gain and understand analytic expertise
- Cut costs while producing bottom-line results

10:30 - 10:45

Networking Break



10:45 - 11:30

Safeguarding Privacy while Conducting Analytics

- Addressing privacy and equity concerns in government institutions
- Preventing the misuse of inaccurate and discriminatory personal information
- Five key ways the Ontario privacy legislation enables and limits big data processes
- Essential considerations to protect privacy throughout each stage of a big data project
- Overcoming challenges and obstacles when protecting personal information while using big data

11:30 - 12:30

Key Steps to Driving Data and Analytics Innovation in Government

- Improving performance, productivity and efficiency in service delivery
- Leapfrogging traditional administrative practices that are no longer effective
- Tips and tricks to unlocking innovation with big data
- Capturing efficiencies through smart technologies
- How big data creates opportunities for impact

12:30 - 1:30

Luncheon Break

1:30 - 2:30

Artificial Intelligence (AI): A New Era for Analytics

- How to yield meaningful results using investments in big data and AI
- Approaches to achieving measurable results
- Improving decision-making through advanced analytics
- Latest developments in big data, AI and machine learning
- Key aspects why big data is a critical enabler for AI implementation

2:30 - 2:45

Networking Break



2:45 - 3:45

Artificial Intelligence Risk, Threats, and How to Mitigate Them

- Potential concerns around the road to litigation, loss of privacy and freedom
- How to overcome challenges in Big Data and AI
- Five essentials to predicting failures that might occur
- AI's biggest risk factor: big data itself
- How to identify and prevent threats and risks

3:45 - 4:30

Analyzing New Trends and Opportunities in Big Data

- Updates on business intelligence and data analytics
- Big data's influence on the expansion of new markets and geographies
- Benefits and use of business intelligence from the cloud
- Understand the future of big data and what it has to offer
- New and upcoming trends

SPONSORSHIP AND EXHIBITION OPPORTUNITIES

If you would like to 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.

- Exhibit Space
- Cocktail Reception
- Luncheon
- Breakfast
- Conference Documentation

For more information or to check availability, contact our sponsorship department by telephone at 1.800.474.4829, ext. 224, or by email at sponsorship@infonex.ca. Choose to participate at this event and ensure your brand is front and centre at this great marketing opportunity.

Big Data & Analytics for the Public Sector

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DAY TWO PROGRAM AGENDA: WEDNESDAY, OCTOBER 24, 2018

7:30 - 8:30 Continental Breakfast

8:30 - 8:45

Opening Remarks from the Chair

8:45 - 9:45

Introducing Big Data Into the Day-to-Day Workflow

- How to translate hieroglyphics in plain language
- Improving your product and workstreams
- Insights into historical development and planning for future development
- Maximizing your data use by integrating it with tools your team is already using
- How to compete in a data-driven world

9:45 - 10:30

Big Data to Big Ideas

- Understanding existing initiatives
- How to achieve short term gains while ensuring long term success
- Five essential tips to succeeding in your data strategy
- Using big data and big ideas to solve your organizations challenges
- Identifying opportunities for transparency and information sharing

10:30 - 10:45

Networking Break



10:45 - 11:30

Informed Decision-Making: Does Bigger Data Lead to Better Decisions?

- How open collaboration can help you drive value from Big Data
- Leveraging the work of cross-functional teams for making better decisions and creating better business outcomes
- How combining diverse sources of data can lead to exciting new solutions to some of our toughest challenges
- The role of enterprise architecture (EA) practice in reducing the complexity associated with digital transformations
- Practical examples of a common platform of data, technical infrastructure, policies, standards and governance that enables the Government of Canada to make better decisions, stimulate innovation and provide better services for Canadians

11:30 - 12:30

Identifying the Right Technology to Solve Your Big Data Problem

- Identifying big-data technologies to meet industry needs
- Six-step approach to identifying your problem and choosing the right solution
- Overcoming challenges that come up when implementing technologies

- Real-life examples of using the right technology to manage data
- How to overcome budget limitations

12:30 – 1:30

Luncheon Break

1:30 - 2:30

Data Visualization: A Smart Investment for Your Big Data Future

- How to grasp difficult concepts and identify new patterns
- Supersizing results using data visualization
- Identifying areas that need attention and improvement
- Finding the best tool for data visualizations
- Predicting sales volumes

2:30 – 2:45

Networking Break



2:45 - 3:45

CASE STUDY

Impacts of Big Data on Healthcare and How It Can Benefit Your Industry

- Real-world examples of healthcare's transition to big data
- Understanding and analyzing big data in healthcare
- Improving profits and reducing cost
- How to predict epidemics, cure disease and improve quality of life
- Highlighting threats and issues to patients care using big data

3:45 - 4:30

The Fun Stuff: Predictive Analytics, Prescriptive Analytics and More

- Predictive analytics, prescriptive analytics: what does it all mean?
- Latest updates on predictive and prescriptive analytics
- Increasing profits using predictive analytics
- Tips, tricks and techniques for identifying the likelihood of future outcomes
- Mastering the "knowing your customer" technique and why it matters

OTTAWA, ONTARIO
EVENT LOCATION: OTTAWA, ONTARIO

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

Register Now!

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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

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

1 PRINT YOUR NAME AND CONTACT INFORMATION

Mr./Ms./Mrs. _____ Title _____

Organization _____

Name of Approving Manager _____ Title _____

Address _____

City _____ Province _____ Postal Code _____

Telephone () _____ Ext _____ Fax () _____

Email address _____

Company's main line of business _____ Number of Employees: _____

2 SELECT YOUR PREFERRED PAYMENT METHOD

Prices subject to HST.	FULL PRICE	Register by June 15
Course for Groups of 3 +	\$2,199 each	\$1,599 each
Course for Groups of 2	\$2,299 each	\$1,699 each
Course for 1 Registrant	\$2,399	\$1,799



*Groups must register together at the same time to be eligible for group rates.

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360 Bay Street, Suite 900
Toronto, Ontario M5H 2V6

GST/HST No. R134050012

LOCATION:

Big Data and Analytics for the Public Sector will be held at a convenient downtown location in Ottawa which could include the Ottawa Conference and Event Centre or the Radisson Hotel Parliament Hill. 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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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 October 9, 2018**. 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 **October 9, 2018**, will not be eligible to receive any credits and are liable for the entire registration fee.

Confirmed registrants who do not cancel **by October 9, 2018** and fail to attend will be liable for the entire registration fee.

DISCOUNT CODE: 1306-W

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