

PUBLIC SECTOR DATA GOVERNANCE & MANAGEMENT FORUM

DEVELOP EFFECTIVE SERVICE DELIVERY
THROUGH COLLABORATION AND SHARING
OF DATA IN THE PUBLIC SECTOR



19 & 20
NOVEMBER 2019
CANBERRA

LEARN FROM



River Paul
Chief Economist &
Statistician



Matthew Johnson
Lead Data Analyst,
Office of the Chief
Data Officer



Katie Ford
Head of
Government
Business



Dr Ian Oppermann
Chief Data Scientist
CEO, NSW Data
Analytics Centre



Tim Beard
Manager, Data
Strategy



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BREAKING GOVERNMENT DATA SILOS

As the importance of people-centred data increases, all levels of the Australian government are beginning to realise the benefits of institutional collaboration. Through the analysis and observation of data, the public sector can establish services that provide a better quality of living to Australian society.

However, sharing data across departments and levels of government isn't simple. Instead, data remains siloed, preventing government bodies from collaborating, sharing, analysing, and visualising data.

Understand how your organisation can adapt to the changing digital climate by embracing a healthier organisational culture. You'll learn how to foster cross-institutional trust, leverage your organisation's ability to provide services through the sharing of data, understand the policies and procedures that govern data, and embrace the digital revolution by implementing new technologies.

- ▶ **Develop** effective service delivery through collaboration and sharing of data
- ▶ **Establish** a cross-institutional culture and foster trust
- ▶ **Constitute** and understand efficient government legislation, standards, and frameworks
- ▶ **Navigate** the digital revolution and embrace new technologies to retain the integrity and usability of data

WHAT OUR DELEGATES ARE SAYING

“Very worthwhile and incredibly valuable. Liquid Learning is excellent. Really flawless, thank you.”

“The best conference I have been to. Packed an extraordinary amount of information, speakers, and messages into the 2 days.”

19 NOVEMBER FORUM DAY 1

UNDERSTAND CULTURAL & REGULATORY BARRIERS TO DATA SHARING
KEYNOTE 9:00 - 9:50

Data sharing transforms how governments translate data into effective reforms and public services. Join Ian as he goes through the frameworks he developed with the Data Analytics Centre to promote cross-institutional collaboration.

Dr Ian Oppermann
Chief Data Scientist **Department of Customer Service**
Chief Executive Officer **NSW Data Analytics Centre**



HOW INADEQUATE GOVERNANCE IS HOLDING AUSTRALIA BACK FROM THE AI REVOLUTION
CASE STUDY 9:50 - 10:40

AI will soon be capable of interacting naturally with humans, moving beyond completing individual tasks. Paul will dive into what he believes is holding Australian organisations back from adopting and developing AI solutions that can refine your data governance.

Paul Dalby Manager, Business Development
Australian Institute of Machine Learning - University of Adelaide



THE ROLE OF CHANGE MANAGEMENT IN IMPLEMENTING DATA GOVERNANCE
CASE STUDY 11:00 - 11:40

Data governance implementation changes your data management culture, processes, and policies; shifting how your institution thinks and behaves when it comes to data. Join Selva to explore how governance processes can build credence within your organisation, policies, and data-driven decision-making.

Dr Selvaraju Murugesan
Senior Director, Innovation & Data Analytics
ACT Government, Transport Canberra & City Services Directorate

STREAMLINING YOUR DATA ANALYTICS PROCESS THROUGH STRONGER DATA MANAGEMENT
CASE STUDY 11:40 - 12:30

Janin will discuss the first step towards producing cleaner data for analytics and how it starts with managing data in the most efficient way. Delve into how implementing guidelines and following protocols will streamline the analytics process for your department and provide beneficial insights.

Dr Janin Bredehoeft
Executive Manager, Research and Analytics
Workplace Gender Equality Agency



TARGETED WORK TO IMPROVE DATA LITERACY ACROSS YOUR DEPARTMENT
CASE STUDY 1:30 - 2:30

Data literacy is a core element when developing a culture of data, empowering workers to ask relevant questions behind data and communicating its meaning to others. Tim will discuss how the Department of Industry, Innovation and Science developed its data strategy by developing data as a business-as-usual activity across the agency.

Tim Beard
Manager, Data Strategy
Department of Industry, Innovation & Science



ENABLING COMMUNITIES TO INTEGRATE DATA ON PEOPLE, BUSINESS & THE ENVIRONMENT
CASE STUDY 2:30 - 3:20

Irina will discuss how the Location Index (LOC-I) project, part of the Data Integration Partnership for Australia (DIPA) program, brought together several government agencies to build a framework to support critical government decision making. This project contributed to economic, social, and environmental sustainability by providing a consistent way for seamless integration of data on people, business, and the environment.

Irina Bastrakova
Director, Spatial Data Architecture
Geoscience Australia



BRIDGING THE DATA DIVIDE THROUGH DATA COLLABORATION
CASE STUDY 3:40 - 4:30

When organisations don't have the right tools to share data, it can result in the same or similar data being collected by different divisions costing the organisation money. Join Kristi and Adam as they discuss how you can bridge the data divide with key tips on departmental collaboration to support data fluidity across your organisation.

Kristi Mansfield
Co-Founder, Chief Executive Officer
Adam Peaston
Co-Founder, Data Scientist
Seer Data & Analytics



DRINKS & CANAPÉS 4:30 - 5:30
Continue to network while you enjoy complimentary refreshments.

20 NOVEMBER FORUM DAY 2

CROSS-COLLABORATION & INTERDEPARTMENTAL SUPPORT

KEYNOTE

9:00 - 10:00

In a world where duplicated data, privacy concerns, and usability of data are preventing progress within the public sector, cross-institutional collaboration can improve research capabilities and outcomes. River will discuss how she worked with the Australian Financial Security Authority to strengthen the education of Australian students through the most comprehensive microdata file in the world.

River Paul

Chief Economist & Statistician

Australian Financial Security Authority



MAKING DATA DISCOVERABLE, ACCESSIBLE & TRUSTED FOR USE IN GOVERNMENT

CASE STUDY

10:00 - 11:00

If improvements in data can change lives, then it must be accessible. Phil will discuss how the ACT government has implemented its Data Governance & Management Framework by exploring, overseeing, and supervising data, terms of sharing, and the impact of privacy through assessment.

Philip Crawford Digital Delivery Manager
ACT Government, Chief Minister, Treasury & Economic Development Directorate



HELPING GOVERNMENT AGENCIES IN BECOMING DATA-DRIVEN AUTHORITIES

CASE STUDY

11:20 - 12:20

Hear how Data61 has pioneered a data-driven approach to improve citizen engagement and employee productivity. Discover how to build on public trust and identify the latest techniques to transform your department.

Katie Ford

Head of Government Business

Data61 - CSIRO



DEVELOPING YOUR DATA MANAGEMENT PLAN TO GUIDE YOU THROUGH THE DIGITAL REVOLUTION

CASE STUDY

12:20 - 1:20

The key to data management is creating a plan at the beginning of a project that will support and promote better practices throughout the data cycle. Angus will discuss how he and the Department of Premier and Cabinet of NSW have produced effective data management and applied this to other disciplines and departments.

Angus Bristow

Director Data & Statistical Analysis

Department of Premier & Cabinet NSW



DATA ANALYTICS - THE LIFEblood OF DATA MANAGEMENT

PANEL

2:20 - 3:30

Departments are experiencing a resource and culture strain due to the rapid pace of analytics adoption. To build a foundation for analytics success, your data management processes cannot be an afterthought. The question is, how do you manage data for analytics?

Xiaoyan Lu

Senior Director, Data & Analytics

Australian National Audit Office

Stuart Wilson

Senior Data Repository Analyst

ACT Government, Health Directorate



Matthew Johnson

Lead Data Analyst, Office of the Chief Data Officer

IP Australia



BREAKING GOVERNMENT DATA SILOS

ROUNDTABLE

3:50 - 4:30

Our chair will bring together the themes and ideas explored over the conference. Through engaging discussion, you will summarise the takeaways from the event and offer ideas for taking the next step in promoting a trust culture to support cross-departmental data sharing.

WHO WILL ATTEND?

- ▶ Director for Data Integration
- ▶ Head of Digitisation
- ▶ Data Governance
- ▶ Data Management
- ▶ Data Analytics
- ▶ Data Science
- ▶ Business Analytics & Research
- ▶ Information Governance
- ▶ Statistics
- ▶ Economic Analysis
- ▶ Data Officer
- ▶ Research Officer
- ▶ Data Integrity
- ▶ Data Processor

Continue to network while you enjoy complimentary refreshments:

Morning Tea
Lunch
Afternoon Tea

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