# 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



















ACT Health

## CONTACT US

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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 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
- Navigate the digital revolution and embrace new technologies to retain the integrity and usability of data



•• 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

CASE STUDY

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

9:50 - 10:40

Premier & Cabinet

NSW

Al 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 decisionmaking.

#### Dr Selvaraaju 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 Exec

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

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.



3:40 - 4:30

Irina Bastrakova Director, Spatial Data Architecture **Geoscience** Australia

#### BRIDGING THE DATA DIVIDE THROUGH DATA COLLABORATION CASE STUDY

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**

Continue to network while you enjoy complimentary refreshments.



4.30 - 5.30



2:30 - 3:20

# **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 it's 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



11:20 - 12:20

HELPING GOVERNMENT AGENCIES IN BECOMING DATA-DRIVEN **AUTHORITIES** CASE STUDY

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

Dromie

& Cabinet

NSW

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.

### For extended program information please visit www.liquidlearning.com.au

# 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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### Public Sector Data Governance & Management Forum

### 19 & 20 November 2019

### Crowne Plaza Canberra

# **Booking Form**

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