

AUS GOVERNMENT DATA SUMMIT

by publicspectrum

Unlock the power of data to make informed policy decisions and successfully deliver services

23-25 MARCH 2021 | HYATT HOTEL, CANBERRA

30+ Key speakers



Eileen Vidrine
Chief Data Officer
U.S. Department of the Air Force



Garrett Berntsen
Deputy Chief Data Officer
U.S. Department of State



Jan Sheppard
Chief Data Officer
Tertiary Education Commission



Naomi Levao
Chief Data Officer, Data Engineering and Analysis
Australian Skills Quality Authority



Brendan Dalton
Chief Information Officer
CSIRO



Tammy Braybrook
Chief Data Officer
IP Australia



Boris Kelly-Gerryn
Chief Data Officer
Bureau of Meteorology



Tim Beard
Head of Data Strategy
Department of Industry, Innovation and Science

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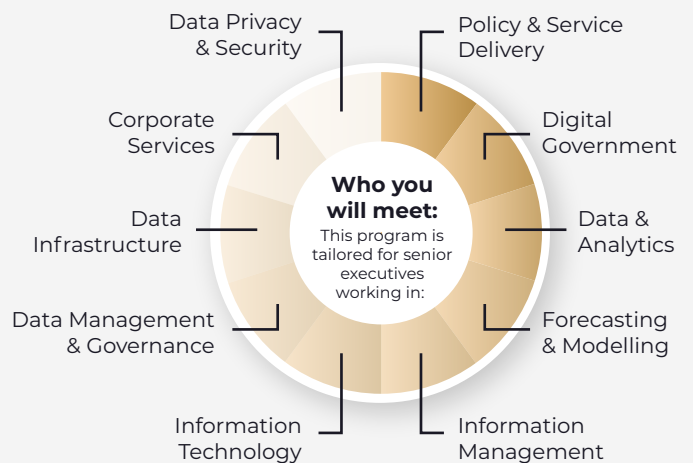
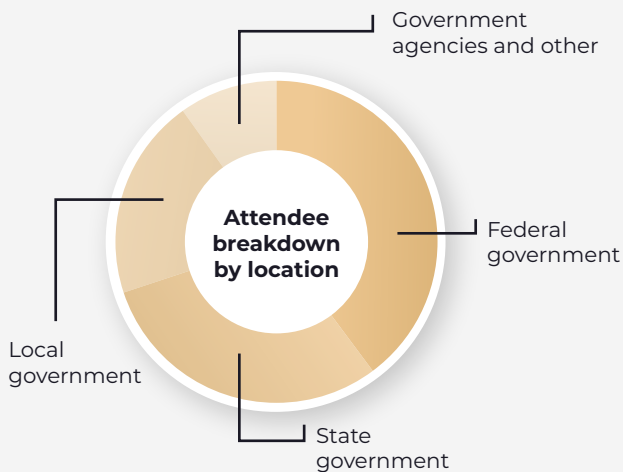
Public Spectrum's **7th Annual Australian Government Data Summit 2021** builds on the governments' data management and open access reforms, together with insights from Federal, State and Local Government. Additionally, innovative agencies representing the US and New Zealand governments are featured in the program, offering an international perspective.

Join us to benefit from time-saving insights by **30+** policy, service delivery, and data management professionals representing the three tiers of government.

You will benefit from a focus on practitioner case studies, interactive panel discussions, 'deep dive' breakout streams, hands-on practical workshops and technology-led roundtable discussions.

Attend this summit and learn how to:

- Manage the sharing, use, and reuse of public sector data
- Leverage data for social impact and economic innovation
- Leverage emerging technology for strategic service delivery
- Offer open data access to improve data literacy, quality, and impact
- Deliver agile data management across the three tiers of government
- Integrate data management reforms with digital government
- Quantify the ROI in data management technologies
- Assess cloud sharing arrangements, cross-border data exchange & data sovereignty
- Build transparency and trust with citizens



“Great variety of experience and content covered and an excellent opportunity to meet counterparts in other agencies who are dealing with the same issues as me.”

Melanie Priano
Assistant Director, Caseload Reporting and Performance
Administrative Appeals Tribunal



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Terry Goodman
Managing Director
Intech Solutions



Frederic Clarke
Data Solutions Lead,
ABS COVID-19
Statistical Taskforce
Australian Bureau
of Statistics



Narelle Grayson
Director
Data Analytics Centre and
Department of Customer
Service NSW



Dr Stephen Zidek
Director, Analytics and
Intelligence, Office for
Data Analytics
Department of the
Premier and Cabinet SA



Angkana Whiley
Executive Branch Manager,
Data and Analytics
ACT Government



Irina Bastrakova
Director, Spatial Data
Architecture
Geoscience Australia



Lloyd Robinsion
Director
Robinson Ryan



Dr Renato Iannella
Lead Enterprise Data
Architecture
Airservices Australia



David Okunyah
Data Scientist
Comcare



Samuel Spencer
Chief Executive Officer
and Technical Co-founder
Aristotle Cloud Services



Dr Joe Walshe
Lead, Data Analytics, Act Data
Analytics Centre
Office of the Chief Digital
Office ACT



Samantha Gavel
Privacy Commissioner
NSW Government



Simon Wall
Director, Data Government
and Management
National Library
of Australia



Peter Ryan
Associate Director,
Premier's
Implementation Unit
Department of Premier
and Cabinet NSW



Julian Singh
National Director
GovHack Australia
Managing Director
Open Data Connect



Glenn Ashe
Chief Information
Technology Officer
Australian Institute of
Health and Welfare



**Dr Piyush
Madhamshettiwar**
Practice and Capability
Lead, Data Science
and Analytics
Department of
Transport VIC



John Ji
Senior Data Engineer
New Zealand
Transport Agency



Neil Temperley
Government Advisor
Future Cities Data and
Technology Strategy;
Transport and Logistics;
Clusters and Living Labs



Andrew Smailes
Past President
DAMA Australia



Jessie Nghiem
Senior Data Scientist,
Data and Analytics
Energy Safe Victoria



Dr Danswell Starrs
Water Science, Monitoring
and Modelling Manager
Environment, Planning and
Sustainable Development
Directorate
ACT Government

8:00 Registration opens

8:45 Opening remarks from the Chair



Lloyd Robinson
Director
Robinson Ryan

9:00 Case Study
Building an Olympic-style data certification model

- Managing data with a gold, silver or bronze listing
- Building on a “Data Pledge” and organisation-wide use of data
- Key features of a Data Strategy 3.0 – where to next?



Tim Beard
Head of Data Strategy
Department of Industry, Innovation and Science

9:30 Technology solutions



Lloyd Robinson
Director
Robinson Ryan

10:00 Case Study
Capture, manage, and share consistent data to support governments' vocational training programs

- How the vocational education training sector benefits from access to quality data
- What is needed to successfully collect, analyse and share this data
- Why data sharing arrangements are pivotal to successful program delivery



Naomi Levao
Chief Data Officer, Data Engineering and Analysis
Australian Skills Quality Authority

10:30 Technology solutions

Presented by **teradata.**

11:00 Morning refreshments and networking

11:30 Graph database analytics for investigations, compliance and fraud detection

- Relational vs key-value vs graph databases
- The next generation of graph databases
- Preparing data for graph database analytics




Terry Goodman
Managing Director
Intech Solutions

12:00 International Keynote
Unlocking the power of data across all missions and operations

- Implementing strategies for enterprise data management
- Leveraging analytics and digital transformation to optimise performance
- Delivering innovation across the enterprise



Eileen Vidrine 
Chief Data Officer
U.S. Department of the Air Force
*Virtual

12:30 Networking luncheon


Stream A: Examining emerging data trends

Chair:  **Lloyd Robinson**
Director
Robinson Ryan

1:30 Leveraging artificial intelligence and data science to manage transport

- How AI is being used in transportation or infrastructure to collect traffic data and reduce congestion
- Where AI fits in with improving modelling, forecasting and scheduling of public transport
- When AI can be used to streamline traffic patterns, support smarter traffic light algorithms and real-time tracking, while controlling higher and lower traffic patterns

Stream B: Outlook for big data, analytics, information sharing and privacy

Chair:  **Tim Beard**
Head of Data Strategy
Department of Industry,
Innovation and Science

1:30 Helping your organisation make data-driven decisions

- Clarifying the science of data analysis, modelling and business intelligence reporting
- Assessing developments in analytics, data mining, and visualisation tools
- Using visualisation to gain a comprehensive view of data
- Leveraging data to eliminate inefficiencies, and adapt to change

Stream A: Examining emerging data trends



Dr Piyush Madhamshettiwar
Practice and Capability Lead,
Data Science and Analytics
Department of Transport VIC

2:00 **Implementing the data governance process to collaboratively capture government data decision making and support**



Samuel Spencer
Chief Executive Officer and Technical Co-Founder
Aristotle Cloud Services

2:30 **Delivering information management technology solutions for research organisations and researchers**

- Leading and implementing CSIRO's Information Management and Technology strategy
- Delivering data solutions to support evidence-based decisions
- Supporting the innovative use of technology to deliver digital services to industry and citizens



Brendan Dalton
Chief Information Officer
CSIRO

3:00 **Afternoon refreshments and networking**

3:30 **Thought Leadership Roundtables**

During these interactive sessions, delegates will be asked to join three preselected roundtables prior to the conference. These roundtables enable attendees to delve into issues that concern them. The roundtable sessions will provide you with personalised take-aways for your own organisation.

1 Making sense of your data through visualisation techniques

2 Developments in data management and the Internet of Things

3 Modernising your enterprise-data footprint by moving to the cloud

4 Mapping the 2021 data and artificial intelligence landscape

4:30 **Panel Discussion**
Preparing for a data-driven economy

- How does data-driven innovation fuel economic growth?
- What is needed to build collaboration between government and industry?
- Why does quality data help us understand the world around us, and make quality decisions, or change business processes?

Panellists



Brendan Dalton
Chief Data Officer
CSIRO



Tim Beard
Head of Data Strategy
Department of Industry,
Innovation and Science



Irina Bastrakova
Director, Spatial Data
Architecture
Geoscience Australia



David Okunyah
Data Scientist
Comcare

5:00 **International Case Study**
Building an organisation-wide ecosystem through data

- Going beyond your system and building an ecosystem through supplying data to decision-makers, influencers and futurists
- Building and managing your agency and external data management capabilities
- Nurturing a team capable of delivering the future through structure, diversity, skills, and flexibility



Jan Sheppard
Chief Data Officer
Tertiary Education Commission
*Virtual

5:30 **Closing remarks from Chair**

5:40 **End of day one**

Stream B: Outlook for big data, analytics, information sharing and privacy



David Okunyah
Data Scientist
Comcare

2:00 **Using advanced analytics to manage incidents: lessons from the energy sector**

- Building the co-relation between weather conditions and network performance
- Managing incident data, extraction and cleansing
- Streamlining internal reporting and other advanced analytics platforms



Jessie Nghiem
Senior Data Scientist, Data and Analytics
Energy Safe Victoria

2:30 **Developments in data management and privacy**

- Managing people's personal information in a dynamic environment
- Tracking key milestones and challenges in the privacy space
- Clarifying government legislation and implications for privacy
- Ensuring citizens are aware of and able to exercise their privacy rights



Samantha Gavel
Privacy Commissioner
NSW Government

8:00 Registration opens

8:45 Opening remarks from the Chair



Lloyd Robinson
Director
Robinson Ryan

9:00 Case Study

Leveraging data to strengthen nationwide forecasting, monitoring, and alert capabilities

- Delivering resilient services and functionality through secure and scalable platforms
- Aligning data governance and 'Information Life Cycle Management' policies
- Integrating domestic surveillance networks with globally distributed observatories




Boris Kelly-Gerrey
Chief Data Officer
Bureau of Meteorology

9:30 International Keynote

Lessons for building an enterprise analytics team in government

- Enhancing data governance arrangements across government
- Offering solutions that democratise access to data and analytics assets
- Building the parameters for data science and information management



Garrett Berntsen 
Deputy Chief Data Officer
U.S. Department of State
*Virtual

10:00 Panel Discussion

Recalibrating governments' data management strategies: milestones and challenges

- Using trusted data and analytics to support policy decisions
- Raising staff awareness about your data management strategies
- Adapting policy changes as when these evolve and change

Panellists



Simon Wall
Director, Data Governance
and Management
National Library of Australia



Angkana Whiley
Executive Branch Manager,
Data and Analytics
ACT Government



Frederic R Clarke
Data Solutions Lead, ABS COVID-19
Statistical Taskforce
Australian Bureau of Statistics



Tammy Braybrook
Chief Data Officer
IP Australia



Narelle Grayson
Director, Data.NSW
Data Analytics Centre, Department
of Customer Service NSW

10:30 Case Study

Delivering business value by transforming data into actions

- Delivering tangible value and insights from your data
- Balancing foundations and innovation
- Managing multiple sources of data for actionable insights



Tammy Braybrook
Chief Data Officer
IP Australia

11:00 Morning refreshments and networking

Stream A: Laying the groundwork for predictive analytics, modelling and forecasting

Chair:



Dr Stephen Zidek
Director, Analytics and Intelligence,
Office for Data Analytics
Department of the Premier
and Cabinet SA

11:30 Developments in big data, analytics, and information sharing

- Tracking data demands into the future
- Improving the data-driven decision making processes
- Building the data capability and access to information



Dr Joe Walshe
Lead, Data Analytics,
ACT Data Analytics Centre
Office of the Chief Digital Officer ACT

Stream B: Strengthening your open data access capability

Chair:



Julian Singh
National Director
GovHack Australia,
Managing Director
Open Data Connect

11:30 Tackling 'wicked problems' with data that is actionable, insightful and timely

- Leveraging data to influence policy decisions
- Investing in data-driven decision-making
- Unlocking the hidden value of government data



Peter Ryan
Associate Director, Premier's Implementation Unit
Department of Premier and Cabinet NSW

Stream A: Laying the groundwork for predictive analytics, modelling and forecasting

12:00 Driving efficiencies in data management – lessons from the Covid-19 Taskforce

- Building the foundations for effective data management during a pandemic
- Strengthening the analytics, modelling, and forecasting capabilities
- Integrating intelligent automation to improve decision making
- Extracting meta data through machine learning



Frederic R Clarke
Data Solutions Lead, ABS COVID-19
Statistical Taskforce
Australian Bureau of Statistics

Stream B: Strengthening your open data access capability

12:00 How real-time data analytics informs operational and strategic outcomes

- Using data to drive real-world decisions and improve outcomes for communities
- Enabling real-time data collections and analysis to support operational decisions
- Investing in data-driven flash-flood alert systems to underpin decision making and information sharing



Dr Danswell Starrs
Water Science, Monitoring & Modelling Manager
Environment, Planning and Sustainable
Development Directorate ACT

12:30 Networking luncheon

1:30 NSW Covid-19 data program – a healthcare tracking update

- Lessons from the NSW Government's Covid-19 tracking program
- How quality data helped with the contact tracing arrangements
- Why data was important to monitor, track and forecast community transmission



Narelle Grayson
Director, Data.NSW
Data Analytics Centre, Department
of Customer Service NSW

2:00 Towards exposing data semantics

- What does Semantics really mean?
- The power of the Graph model
- Data Analytics versus Semantic Inferencing
- Semantic technology platforms



Dr Renato Iannella
Lead Enterprise Data Architect
Airservices Australia

1:30 The ACT Data Governance and Management Framework: Making data discoverable, understood, and trusted for safe and effective use in decisions

- Benefitting from data as a valuable asset in the ACT Public Service
- Fostering a data-driven culture
- Managing the data practice
- Measuring the data maturity



Angkana Whiley
Executive Branch Manager, Data and Analytics
ACT Government

2:00 Deriving value from a real-time understanding of community needs

- Strengthening multi-agency and multi-data driven projects
- Boosting access to real-time dashboard data
- Moving past solos into inter-agency collaboration



Glenn Ashe
Chief Information Officer
Australian Institute of Health and Welfare

2:40 Afternoon refreshments and networking

3:10 Case Study

New Zealand Government on-premise data challenges and enterprise data warehousing cloud solutions

- Challenges and limitations for the government's on-premise data
- Strategic directions and commitment for digital transformation
- The enterprise data warehousing paradigm shift: from traditional data warehousing to big data transformation
- Using more advanced cloud technologies to protect business data
- Data engineering professionals' engagement and collaboration with stakeholders
- Multiple dimensional and tabular modelling with big traffic management data to improve the safety and road efficiency



John Ji
Senior Data Engineer, Enterprise Data Warehouse, Data and Information
New Zealand Transport Agency
*Virtual

3:30 Case Study

Leveraging behavioural economics to produce more meaningful policy

- Developments in behavioural economics and implications for policy
- Integrating behavioural patterns with meaningful data
- Where behavioural economics fits in with informed decision-making



Dr Stephen Zidek
Director, Analytics and Intelligence, Office for Data Analytics
Department of the Premier and Cabinet SA

4:00 Case Study

Connecting process automation to executive dashboards to drive informed decision making

- From building blocks to smart dashboards: purpose, process, people and data
- The improvement loop: insights - targeted automation - analysis - insights
- Critical success factors and traps to watch out for



Julian Singh
National Director, GovHack Australia
Managing Director, Open Data Connect

4:30 Closing remarks from Chair

4:40 End of Conference

9:00
12:00

Workshop A Three data competencies every agency needs

To be successful in enterprise data management, your agency needs to build three high-level, interrelated data management competencies. These competencies are:

- Enterprise Data Governance – the ability to apply and encourage staff to create, nurture, sustain, and control the data in a collaborative fashion for the benefit of all.
- Business Data Stewardship – the ability within the business to progressively develop requirements, improve functionality, condition, and characteristics of your agency's data.
- Data Architecture – the ability of an agency to increase understanding, input, and engagement in determining build, buy, or hosted solutions to store and distribute data.

Attend this workshop and gain an understanding of:

- The three competencies and skills required
- The dependencies and relationship between all three competencies
- The form of data strategy needed to support the development of the competencies



Andrew Smailes
Past President
DAMA Australia

12:00 Lunch break

1:00
4:00

Workshop B How to integrate the data, citizens, policy, and strategic goals

Different kinds of data and analytics is being used to support policy decisions and front-line service delivery. The use of data for evidence-based policy remains critical across all tiers of government.

The challenge is to gain insights into the data flows, as well as the origin, destination, and application. Moreover, decision makers require a rethink about the way data is managed and governed.

Data is too often thought of as isolated, and disconnected from applications, or the random hidden value. But data is now seen as the 'new oil,' offering an invaluable resource for both policy planners and the providers of citizen services. Just how do you put a 'human face' on data and use this resource strategically?

Attend this workshop and gain an understanding of:

- The interplay between the open and closed data
- Data quality and the privacy requirements
- What can and can't be done with your data
- How to be strategic about using, managing and sharing the inter-agency data



Dr Neil Temperley
Government Advisor
Future Cities Data and Technology Strategy;
Transport and Logistics; Clusters and Living Labs



Good line-up of international and interstate speakers with different backgrounds.

Tam Goddard
Director Audit & Governance
Department of Defence of Australia

Good variety of topics and organisations. Well organised and run, lots packed into two days

Alexei Radun
Systems, Data & Analytics Lead: Network Assets
Powerlink





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Government rate	In-person attendance	20 Nov 2020	11 Dec 2020	22 Jan 2021	12 Feb 2021	5 Mar 2021	Standard price
Two Day Conference Only		\$ 1,899.00	\$ 1,999.00	\$ 2,099.00	\$ 2,199.00	\$ 2,299.00	\$ 2,399.00
Two Day Conference + 1 workshop	<input type="checkbox"/> A <input type="checkbox"/> B	\$ 2,499.00	\$ 2,599.00	\$ 2,699.00	\$ 2,799.00	\$ 2,899.00	\$ 2,999.00
Two Day Conference + both workshop		\$ 2,799.00	\$ 2,899.00	\$ 2,999.00	\$ 3,099.00	\$ 3,199.00	\$ 3,299.00

Government rate	Virtual attendance	20 Nov 2020	11 Dec 2020	22 Jan 2021	12 Feb 2021	5 Mar 2021	Standard price
Two Day Conference Only		\$ 1,299.00	\$ 1,399.00	\$ 1,499.00	\$ 1,599.00	\$ 1,699.00	\$ 1,799.00

Solution provider rate	20 Nov 2020	11 Dec 2020	22 Jan 2021	12 Feb 2021	5 Mar 2021	Standard price
Two Day Conference	\$ 3,899.00	\$ 3,899.00	\$ 3,899.00	\$ 3,899.00	\$ 3,899.00	\$ 3,899.00

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Phone Email

Name Delegate 3 Job Title

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