

Virtual Event



Data Management & Analytics Community



Developing Autonomous Data Competencies for Real Value & Analytics-Readiness

Part of the Data Management & Analytics National Insights Series

Online → Tuesday, 24 May 2022 | 11:00am - 1:00pm AEST

Your Inspiring Speakers



IMMA CHIPPENDALE
Executive Director, Data & Performance
Department of Regional NSW



AMIR DEZFOULI
Lead, Machine Learning and Artificial Intelligence (MLAI) for Decision-Making
CSIRO's Data61



DAVID EVANS
Director, Business Analytics
WorkSafe Victoria



NATALIE GUNN
Data and AI Specialist, Global Markets - Cloud Platform Sales
IBM



DR SUSIE KLUTH
Chief Data Officer
Department of Education, Skills and Employment



ELEANOR NEWBY
Director, Efficient Pricing, Pricing and Performance
National Skills Commission



SHAZIA SADIQ
Professor, Computer Science
University of Queensland



ROHAN SAMARAWEERA
Senior Director, Data Science
Department of Home Affairs

Benefits of Attending



Hear the most recent developments in data capability building, upgrading insights and influence through data visualisation, data governance, literacy and culture



Discover insights, perspectives and practices from a data policy, communication, and ethics lens to build a well-rounded modern data professional toolkit



Join your data peers in a dynamic discussion about self-service and augmented insights, and holistically preparing our analytics capabilities for the future

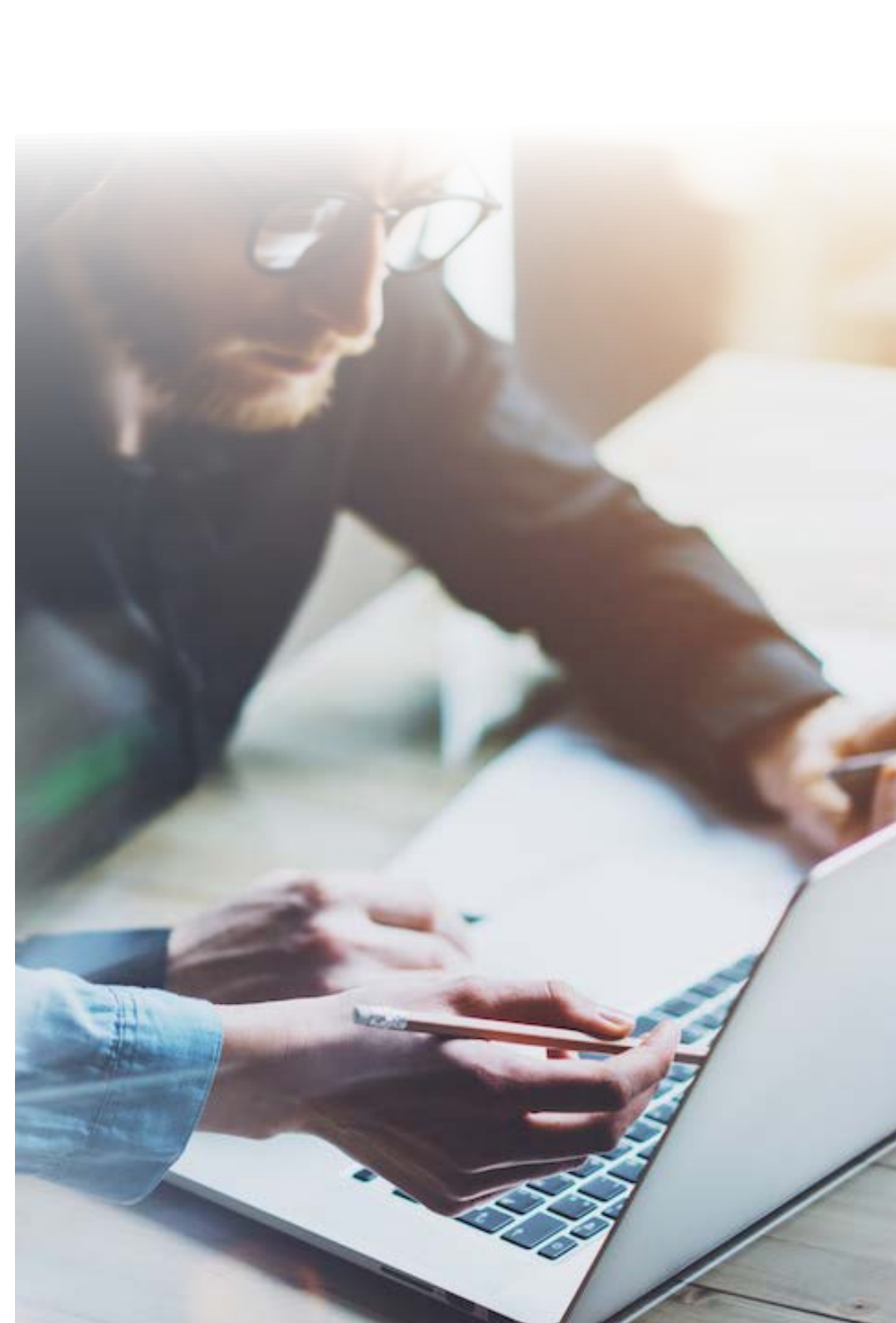
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Cutting through Complexity to Deliver Clarity for Actionable Insights

Australian Public Sector data teams are facing progressively complex challenges that will demand greater preparation, planning and accuracy for contingencies onwards from 2022. We see trends of open-by-default, more advanced and machine-assisted analytics, users and citizens becoming more aware of the risks of sharing their data when transparency is lacking. We can, however, even the odds a little with the correct tools, practices and data.

This quarter, we will delve deeper into the fundamental elements within organisations that affect maturity and advanced analytics for better decision-making. As well as balancing these with ethics, responsibility and discernment when handling public data. Moving forward toward machine-enabled advanced analytics and augmented decision-making requires fundamental cultural, mindset, and technical changes.

This May, join your peers at the complimentary '**Developing Autonomous Data Competencies for Real Value & Analytics-Readiness**' virtual event to leverage our collective intelligence, collaborate and contribute to the cross-sector transformation effort to create the conditions for trust, community benefit and a highly effective public data system.



Who You'll Meet

Chiefs/Directors/Heads/Managers of:

- Data, Data Management
- Analytics, Insight, Reporting & Business Intelligence, Storytelling
- AI, ML, Data Scientist, Automation, Big Data, Statistician
- Data Strategy
- Data Architect and Engineer
- Data Steward, Information Governance
- Data Governance, Leadership & Ethics
- Data Workforce, Capability

Explore the Agenda

11:00am PSN Welcome

11:15am **Welcome from Chair: The National Journey Toward Data Maturity**

Imma Chippendale, *Executive Director, Data & Performance*, **Department of Regional NSW**

11:30am **Government Keynote: Using Integrated Data for Deeper Insights**

- DESE's experience with integrated data (the department of education, skills and employment)
- The challenges and opportunities of using integrated data
- Why collaboration is key to successful integrated data analysis

Dr. Susie Kluth, *Chief Data Officer*, **Department of Education, Skills and Employment**

11:50am **Government Case Study: AI challenges: strong interactions between data needs and digital infrastructure**

- Scoping a data project or function correctly
- Tricks and tips on interdisciplinary teams
- Misconceptions about agile

Eleanor Newby, *Director, Efficient Pricing, Pricing and Performance*, **National Skills Commission**

12:05pm **Government Keynote & Case-Study: Data Literacy – First Things First**

- Great storytelling has the ability to captivate audiences. Great data storytelling is no different.
- Examples and case studies of why data literacy is such a powerful tool for making powerful stories
- How stories can help drive better decision-making in the workplace and beyond

David Evans, *Director, Business Analytics*, **WorkSafe Victoria**



A valuable source of ideas and methods used that could be applied across different agencies.

Department of Justice

12:20pm Break

12:25pm **Panel Discussion: Building Future Foundations: AI & Analytics Augmentation, not Replacement**

- Why the case for augmented data preparation, automated/self-service analytics, and machine-assisted insights, and how does it differentiate with traditional analysis for decision-making?
- How do we overcome previous ways of thinking and cultural issues with adoption and unrealistic expectations?
- What are the technical requirements, considerations and measures to best prepare for advanced service delivery models within our own organisations?
- How may be best address governance, culture and skills gap challenges now to give our organisation the best opportunity for successful adoption and transformation?

Amir Dezfouli, *Lead, Machine Learning & Artificial Intelligence (MLAI) for Decision-Making, CSIRO's Data61*

Shazia Sadiq, *Professor, Computer Science, University of Queensland & Director, Centre for Information Resilience*

Rohan Samaraweera, *Senior Director, Data Science, Department of Home Affairs*

Natalie Gunn, *Data and AI Specialist, Global Markets - Cloud Platform Sales, IBM*

1:00pm Close

Thank You to our Partners



Positive experience and a good opportunity to share learnings, and to understand challenges in other sectors.

Justice Health and Forensic Mental Health Network



What's On **Next**

**Data Management & Analytics
National Insights - Winter Edition | Virtual**

28 July