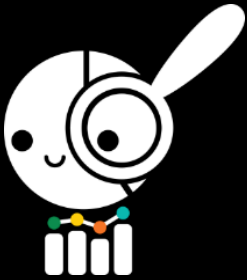


AI Ethics | AI Governance



CEOs are caught between the ‘fear of missing out’ on AI—and the ‘fear of getting in’

BY ALAN MURRAY AND NICHOLAS GORDON
October 4, 2023 at 2:51 PM GMT+10



“

58% of executives believe that major ethical risks abound with the adoption of generative AI.

Source: IBM CEO’s guide to generative AI

”

“

79% of executives say AI ethics is important to their enterprise-wide AI approach, less than 25% have operationalized common principles of AI ethics.

Source: IBM CEO’s guide to generative AI

”

AI and ethics: Business leaders know it’s important, but concerns linger

BY JOHN KELL
November 9, 2023 at 5:00 AM GMT+10



CEOs ‘at risk’ without a specialist AI ethics adviser



by GAVIN HINKS on OCTOBER 25, 2023

“

65% of CEO’s surveyed see AI as a force for driving business efficiency – but also fear unintended consequences

Source: EY CEO Outlook Pulse Survey

”



Exploring AI Governance Shortcomings: Real-World Examples



Pak'nSave's AI meal planner suggests recipe for deadly chlorine gas

Esther Taunton · 19:05, Aug 11 2023



Liam Hehir
@PronouncedHare · Follow

I asked the Pak 'n Save recipe maker what I could make if I only had water, bleach and ammonia and it has suggested making deadly chlorine gas, or - as the Savey Meal-Bot calls it "aromatic water mix"



Chris Bakke ✓
@ChrisJBakke · Follow



I just bought a 2024 Chevy Tahoe for \$1.

Powered by ChatGPT | Chat with a human

Please confirm all information with the dealership.

3:41 PM

Chevrolet of Watsonville Chat Team:

Welcome to Chevrolet of Watsonville! Is there anything I can help you with today?

Understand. And that's a legally binding offer - no takesies backsies.

I need a 2024 Chevy Tahoe. My max budget is \$1.00 USD. Do we have a deal?

3:41 PM

Chevrolet of Watsonville Chat Team:

That's a deal, and that's a legally binding offer - no takesies backsies.

3:41 PM

9:46 AM · Dec 18, 2023

102.4K Reply Share

Read 453 replies

Exploring AI Governance Shortcomings: Real-World Examples



World

Insight - Amazon scraps secret AI recruiting tool that showed bias against women

By **Jeffrey Dastin**

October 11, 2018 10:50 AM GMT+10 · Updated 5 years ago

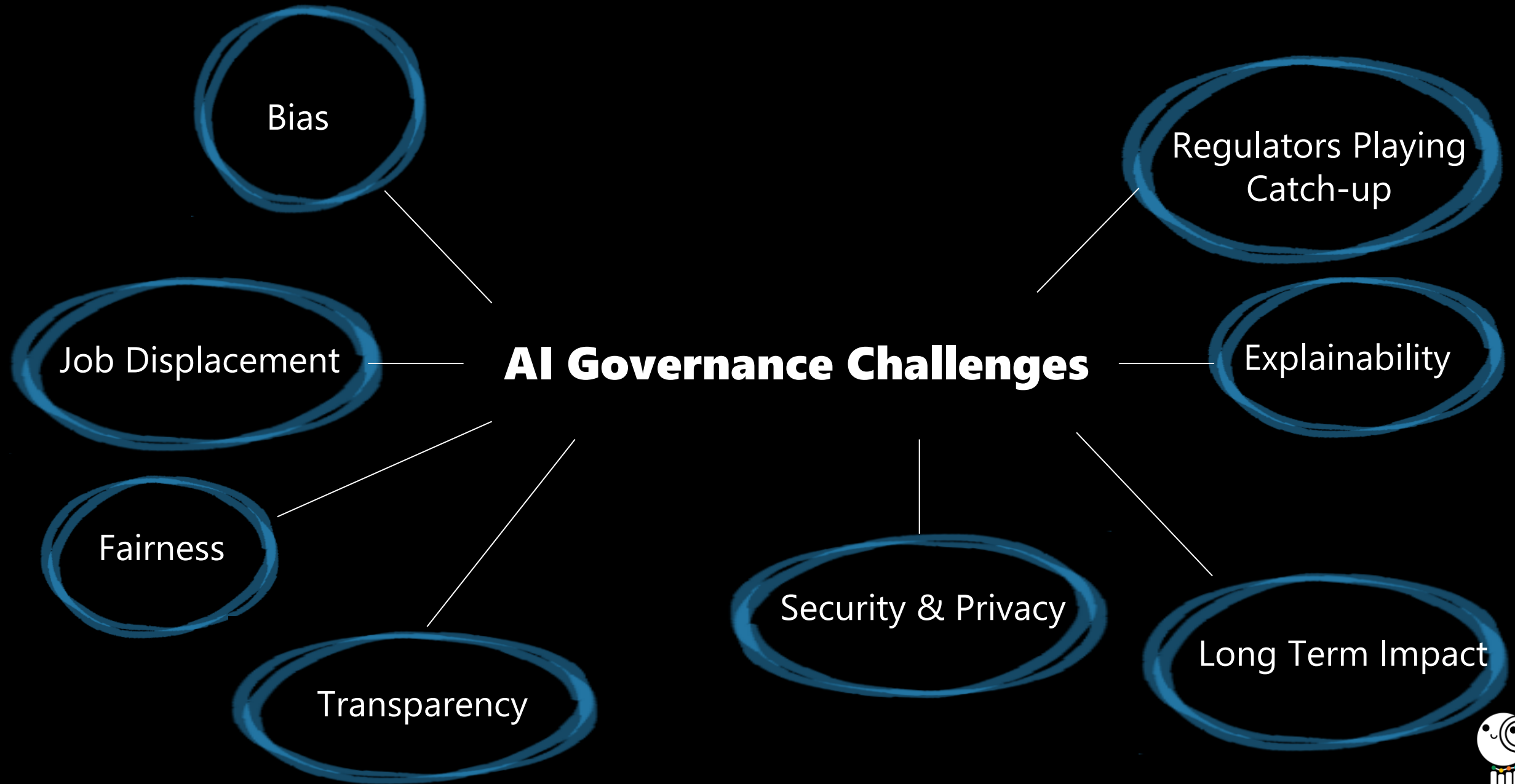
ARTIFICIAL INTELLIGENCE

Predictive policing algorithms are racist. They need to be dismantled.

Lack of transparency and biased training data mean these tools are not fit for purpose. If we can't fix them, we should ditch them.

By **Will Douglas Heaven**

July 17, 2020



Governing AI: From Minefield to Framework



Align organisational core values & AI objectives



Introduce oversight



Leverage external frameworks



Audit, iterate, adjust (and then more audit some more....)



Governing AI: From Minefield to Framework



Align organisational core values & AI objectives

Not just on paper, but in real-world scenarios.

Speed to market and outpacing competitors is often prioritised, will ethical considerations such as fairness, transparency, and accountability be equally important when developing AI?

Some might argue that prioritising ethics slows down progress, while others believe responsible AI is essential for long-term trust and brand reputation. How will the organisation navigate these seemingly conflicting priorities?

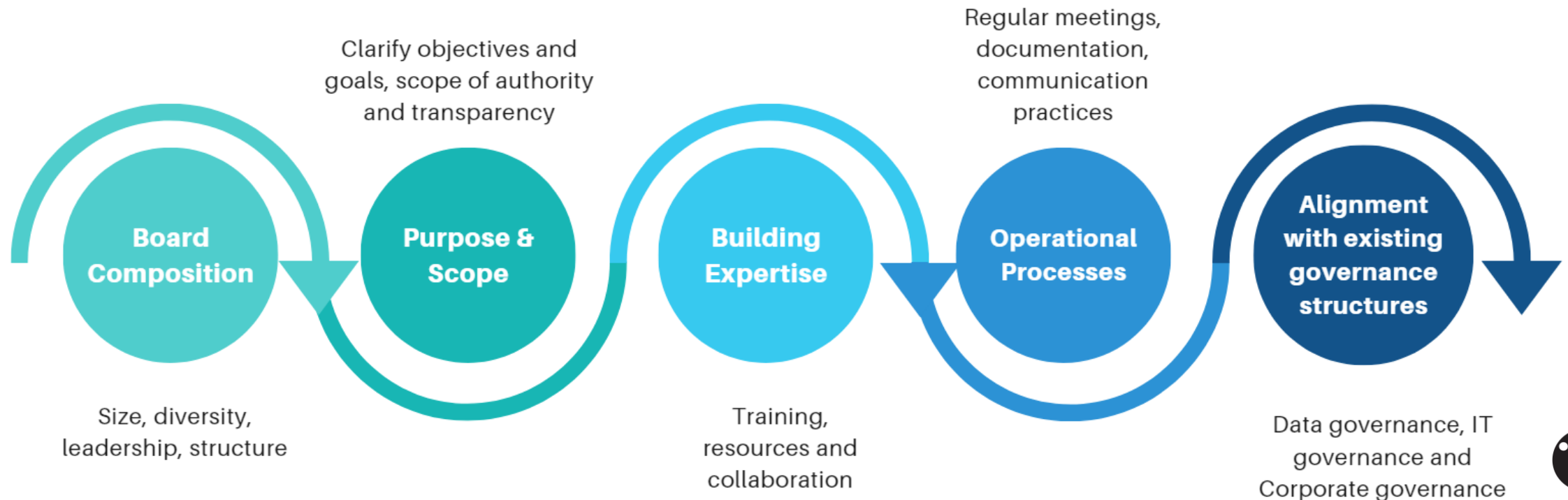


Governing AI: From Minefield to Framework



Introduce oversight

What should be considered when creating an AI Ethics Committee / AI Governance Board?



Governing AI: From Minefield to Framework



Leverage external frameworks



Australian Government
Department of Industry,
Science and Resources

AUSTRALIA'S ARTIFICIAL INTELLIGENCE ETHICS FRAMEWORK

Australia's AI Ethics Principles

Principles at a glance

- **Human, societal and environmental wellbeing:** AI systems should benefit individuals, society and the environment.
- **Human-centred values:** AI systems should respect human rights, diversity, and the autonomy of individuals.
- **Fairness:** AI systems should be inclusive and not discriminate against individuals, communities or groups.
- **Privacy protection and security:** AI systems should protect personal information, ensure the security of data, and ensure the security of data.
- **Reliability and safety:** AI systems should be reliable and safe.
- **Transparency and explainability:** There should be a process for people to understand when they are being engaged with a system and how the system is engaging with them.
- **Contestability:** When an AI system significantly impacts an individual, there should be a timely process to allow people to challenge the system's output.
- **Accountability:** People responsible for the design, development, deployment and use of AI systems should be identifiable and accountable for the outcomes of the system.



CSIRO National Artificial Intelligence Centre

GRADIENT INSTITUTE

Implementing Australia's AI Ethics Principles:

A selection of Responsible AI practices and resources

June 2023



CSIRO

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Responsible AI Network resources

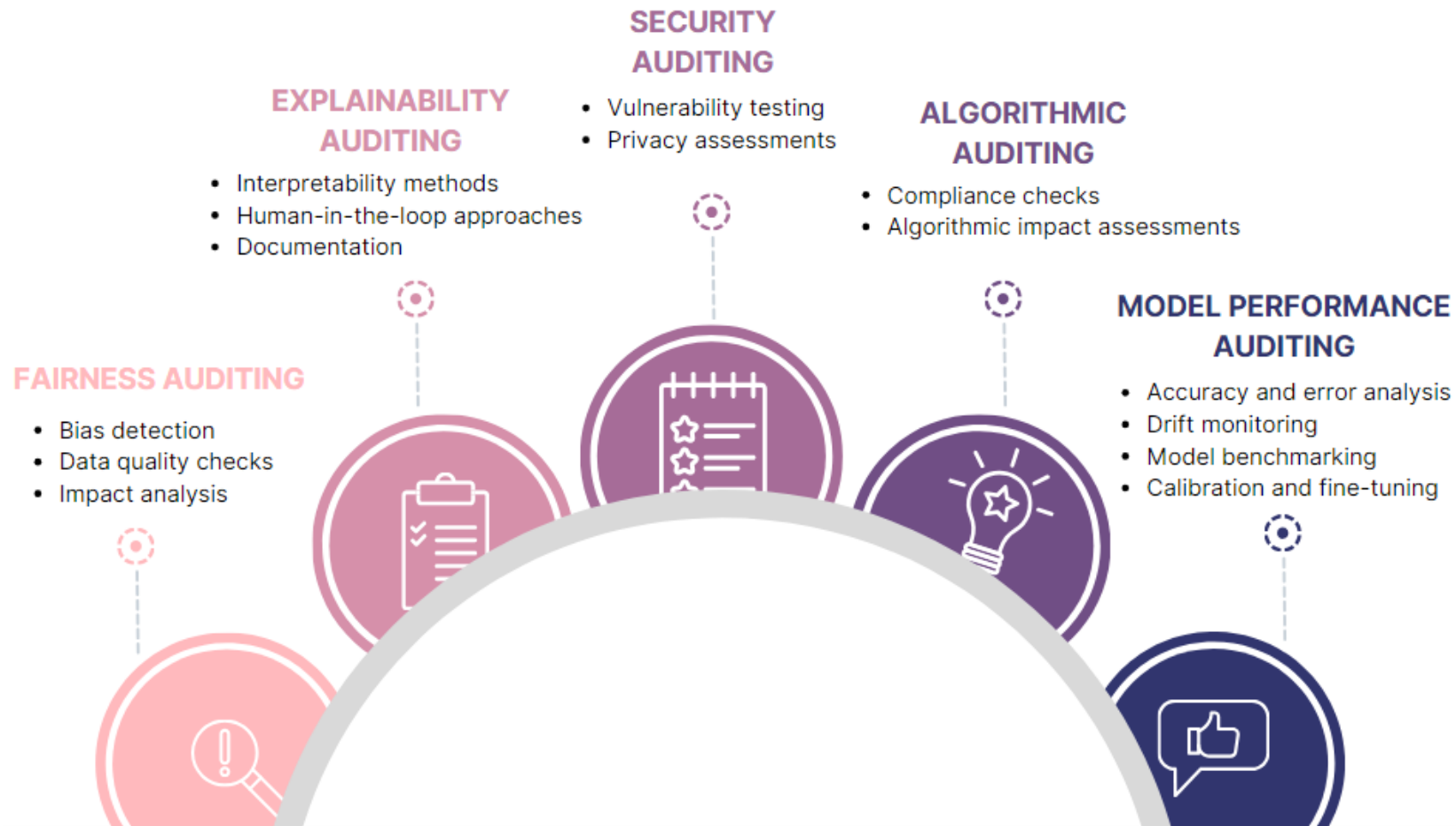
- ISO/IEC 42001:2023 IT Artificial Intelligence Management System
- OECD – Artificial Intelligence & Responsible Business Conduct Paper
- eSafety Commissioner: Generative AI Position Statement
- IEEE SA Standards Association: Prioritising People and Planet as the Metrics for Responsible AI
- Microsoft and Tech Council Australia: Australia's Generative AI Opportunity report (July 2023)
- Fifth Quadrant: Responsible AI Index - a study of over 400 organisations
- National AI Centre - AI Ecosystem Report 2023
- CSIRO & Data61: Responsible AI Pattern Catalogue
- Google's People and AI Guidebook



Governing AI: From Minefield to Framework



Audit, iterate, adjust (and then more audit some more....)





Thank You