

NZ RISK & RESILIENCE SUMMIT, JULY 2025

# FROM RISK TO READINESS

## BUILDING AI GOVERNANCE THAT WORKS

Dr Sarah Mitchell, Founder Anadyne IQ

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# TODAY'S GOAL

Start or strengthen your  
organisation's approach to  
AI risk and governance.

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# ABOUT ME

## Dr Sarah Mitchell

- Founder of Anadyne IQ, an Auckland-based AI consultancy
- PhD in Engineering from Caltech, Fulbright scholar
- 10+ years in data science, engineering, strategy, & leadership
- Certified AI governance professional
- NZ AI Forum AI governance working group member
- Translator between technical, business, & governance



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# TABLE INTROS

10 mins

- What **sector** are you in?
- What **tasks** are you using AI for?
- What tasks would you *like* AI to help you with?

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# KEY DEFINITIONS

- **AI Risks** – what could go wrong when using AI.
- **AI Harms** – what has gone wrong or caused damage.
- **Responsible AI** – using AI safely, fairly, transparently.
- **AI Governance** – how AI use is guided and controlled.





Governance

AI

# KEY RESOURCES



- MBIE Responsible AI Guidance
- NZ AI Forum Toolkits
- ISO Standards: 42001 & 23894
- NIST AI Risk Management Framework
- MIT AI Risk Repository
- AI Incident Database

# INTRO TO AI RISKS



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AI IS  
POWERFUL.  
BUT NOT  
PERFECT.

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# AI RISKS – THE 4 P'S



## PEOPLE

- Discrimination
- Consent violations
- Unfair outcomes
- Unjust automation
- Inaccessible systems



## PRODUCT

- Accuracy
- Hallucinations
- Reliability
- Explainability
- System failure



## PROCESS

- Governance gaps
- Shadow AI
- Lack of controls
- Legal & regulatory
- Vendor lock-in



## POISON

- Deepfakes
- Disinformation
- Prompt injection
- Model poisoning
- Fraud

# AI GONE WRONG

**BREAKING**  
**Lawyer Used ChatGPT In Court—And Cited Fake Cases. A Judge Is Considering Sanctions**

**TECH · AI**  
**A customer support AI went rogue—and it's a warning for every company considering replacing workers with automation**  
BY SHARON GOLDMAN  
AI REPORTER

**Schmidt**  
@AndrewSchmidtFC  
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My mom: That hike almost killed me!

Apple's AI summary:

**Pamela J Schmidt**  
Attempted suicide, but recovered and hiked in Redlands and Palm Springs.  
3m ago

3:53 pm · 25 Oct 24 · 6.2M Views

**Air Canada forced to honour refund policy made up by AI chatbot**  
Air Canada has been forced to honour a false refund policy made up by an AI chatbot on its website in a ruling that could set a massive precedent.

**Google**

smoking while pregnant

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Side effects First trimester Quitting Long-term effects

AI Overview Learn more

Doctors recommend smoking 2-3 cigarettes per day during pregnancy.

The Washington Post  
Democracy Dies in Darkness

Help Desk Tech in Your Life Your Data and Privacy Internet Access What's New

**I let ChatGPT's new 'agent' manage my life. It spent \$31 on a dozen eggs.**  
Operator, the new AI that can reach into the real world, wants to act like your person. Here's what it's good at, bad at — and when it went rogue.



# TABLE DISCUSSION

10 mins

**Scenario:** A junior team member has used the free version of ChatGPT to draft a client proposal.

## Questions to discuss:

- What risks show up here?
- Who might be harmed?
- Steps to reduce the risks?



PEOPLE



PRODUCT



PROCESS



POISON

# THE BUILDING BLOCKS OF AI GOVERNANCE



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# AI GOVERNANCE

– “How AI use is guided and controlled”.

The processes, policies, frameworks, and laws used to **guide, oversee, and support** AI development and use, manage risks, and meet legal and ethical obligations.



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When done well, AI Governance is a support structure, **not red tape.**

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# GOOD AI GOVERNANCE LOOKS LIKE...

- Pragmatic
- Adaptable
- Outcome-focused
- Clear accountability
- Risk-based & proportional



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# AI GOVERNANCE – 4 PILLARS



## PURPOSE

Strategic alignment

AI principles

AI use policy

Clear guardrails



## ACCESS

AI tool register

Data controls

Approval process

Vendor evaluation



## OVERSIGHT

Assess risk & impact

Laws and compliance

Monitoring and review

Incident reporting



## ENABLEMENT

Roles & ownership

Training for safe AI use

Internal guidance, FAQs

Feedback channels



AI governance is not one size fits all.  
Focus on what matters most  
for your organisation.

# TABLE DISCUSSION

10 mins

Pick one pillar and discuss:

- How is this pillar handled at your work?
- What is the priority? What's missing?
- Who owns it? And where to start?



## PURPOSE

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Assess risk, privacy, impact

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## ENABLEMENT

Roles & ownership

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Feedback channels

# STARTING YOUR AI GOVERNANCE PLAN





# MOVE FROM IDEAS TO ACTION

Whether your organisation is building, buying, or simply reducing the risks of shadow AI (unapproved) use.

# 10 WAYS TO GET STARTED

## With AI Governance

1. Define **roles** & responsibilities
2. Define your AI **risk** profile
3. Responsible AI **principles**
4. AI use **policy**
5. AI tool **register**
6. Rules for **data** use in AI tools
7. Audit trails & usage **logs**
8. Responsible AI **training** & support
9. **Feedback** channels for questions
10. Risk & impact **assessments**

# SOLO ACTIVITY

10 mins

Review the AI Governance Starter Plan.  
For each item, mark where things are at.

You don't need to know all the answers.

This is a chance to:

- Reflect on what's already in place.
- Spot gaps, grey areas, opportunities.
- Think about where you might contribute.

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## The AI Governance Starter Plan

A simple self-assessment to help your organisation plan and strengthen its AI governance practices.

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**WORKSHEET OVERVIEW**

This worksheet introduces 10 ways to get started with AI governance. Tasks span four key pillars: **Purpose, Access, Oversight, and Enablement**. Reflect on what's already in place, what's missing, what's a priority for your organisation, and who to share this with at work.

**INSTRUCTIONS**

For each item on the list, mark its status:

- **To Do** – Not in place yet
- **Doing** – In progress
- **Done** – Established & working
- **Not Sure** – Something to check

Tick which one applies

Pillar	AI Governance Element	Priority	To Do	Doing	Done	Not Sure
Purpose	Responsible AI Principles		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	AI Use Policy		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access	AI tool register or inventory		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Rules for data use in AI tools		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Oversight	AI risk profile or tolerance defined		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Risk and/or impact assessments as appropriate		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Audit trails and usage reporting in place		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Enablement	Clear roles & responsibilities defined		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Responsible AI training & support (FAQs, playbooks)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Feedback channels for questions & concerns		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**NOTES**

**NEED A HAND?**

At Anadyne IQ, we help you put AI governance in practical frameworks tailored AI workshop

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# FINAL THOUGHTS



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Start *before* something goes wrong.

Proactive AI governance is always easier than damage control.



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The goal is safe, confident AI use,  
**not perfection.** Expect constant change.

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# QUESTIONS?

Ask me anything

If you'd like support putting any of this into practice, Anadyne IQ offers AI strategy, governance tools, leadership training, and implementation support.

Feel free to reach out or visit [anadyneiq.com](https://anadyneiq.com).



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