



Artificial Intelligence and Machine Learning in Government

TRAINING

Creating a Roadmap and Addressing the
Challenges of Operationalising AI



Facilitated by
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Strategic Architects

Online → 26 October & 2 November 2023



PUBLIC
SECTOR
NETWORK



Overview

AI presents the Public Sector with an opportunity to completely reimagine how you deliver, plan and strategise. Despite this untapped potential the application of AI in government still falls behind the transformation that seen in the private sector.

A recent EY survey commissioned by Microsoft found that AI is a digital priority for government – but only 4% of agencies surveyed had managed to scale its use to achieve real transformation in services.

There are several barriers: Cultural resistance, the effort, skills and resources to ensure AI adoption isn't just successful but is sustainable, repeatable and scalable. This course has been developed to tackle these barriers. It will provide participants with tools and insights to operationalise and scale AI and ML for your organisation. It will shed light on the challenges that you will face and discuss strategies to mitigate them.

You will leave the course will allow you to envisage the future state, assess your current state and come up with a roadmap on how to get there. It will enable you to assess information, data, people, process and technology to plan your next steps.

Who Should Attend

Directors, Heads of, Managers, Project Managers, Lead, Advisors:

- Data and Analytics
- Information Management
- Information Architecture

Learning Objectives

- **What is AI:** Its role in powering innovation in organisations and the economy at large
- **The difference** between AI, ML and Data Science and how they interact with each other
- **Exploring** the strategic benefits of AI in government The application of descriptive analytics
- **Understanding** the risks and steps to mitigate them
- **Unpacking** the implications on employment, the workforce and skills development
- **Building** AI and ML capability in your organisation
- **Learn** key factors to optimise adoption
- **The future of AI: What's next**

Why Attend

- **Understand the opportunities** of AI and aligning process, capability, people and technology to achieve **that**
- **Learn about** why AI initiatives fail and how you can pre-empt and prevent them
- **Explore** the applications of AI in business Understanding the risks and steps to mitigate them
- **Discuss** they 'human element': the impact on jobs and skills
- **Benchmark** with your peers across the public service

Meet Your Facilitator



NIGEL SCHMALKUCHE
Managing Director Principal
Consultant
Strategic Architects

Nigel is a leader in strategy, data, cloud, enterprise and business architecture and has guided Queensland State and Local Government, private organisations and non-profit organisations through digital business transformation. He has held various professional and leadership roles in ICT and Enterprise Architecture in Queensland State and Local Government.

He is a results-orientated business and ICT professional with 30 years' experience in the fields of energy, education, elections, finance, health care, housing, legal, mining, manufacturing, news and media, pharmaceutical, policing, racing, transport and utilities.

Nigel has many years experience as a Coach in his business, Coaching Enterprise Architects, and has facilitated training courses on Enterprise, Business and Data Architecture primarily concentrating on government.

Nigel has written two books, AI and Data Strategy and Data to Insight that cover a wide variety of Data Architecture topics including Data Governance.

Nigel developed this course to share his experience on Data and AI to provide participants with the foundation to implement the AI automation in their government department or Council.

Preparation

This workshop is highly interactive with group activities and discussions throughout. Come prepared with some current challenges you are facing in your organisation.

To participate you'll need:

- A computer with camera and microphone
- Strong internet connection
- Quiet, well-lit space
- Current challenges you are facing

Register Early & Save

Extra Early Bird	Early Bird	Standard Price
Register by 18 th Aug	Register by 15 th Sep	Register by 25 th Oct
\$795 + GST	\$995 + GST	\$1,195 + GST
Save \$400	Save \$200	-

[CLICK HERE TO REGISTER](#)

*Group Discounts Available - Contact Registration at registrations@publicsectornetwork.com or Call on (02) 9057 9070

Explore the Agenda

DAY 1 | Thursday, 26 October 2023, 10:00am - 02:30pm AEDT

Module 1: An Introduction to AI and ML

10:00am Opening Remarks

- Welcome
- Introductions
- Overview and Setting Expectations

10:30am What is AI and ML

- Key terms and definitions
- The differences between AI and ML
- Understanding how they are inter-related and interact with each other

11:45am Will AI take our jobs?

- The jobs that are ripe for automation
- The jobs that AI will enhance and augment
- New jobs
- How to be prepared

12:30pm Break

Module 2: Application of AI

01:00pm Exploring the impact of AI and ML in Forecasting and Planning

- The role of AI and ML in forecasting
- A checklist
- Anticipating challenges and discussing solutions

01:45pm Operationalising AI

- Exploring how organisations are leveraging AI and ML to streamline operations
- Exploring case studies: The costs and benefits
- A Roadmap

02:30pm End of Day 1

DAY 2 | Thursday, 2 November 2023, 10:00am - 02:30pm AEDT

Module 3: Building Capability and Operationalising AI

10:00am Welcome and Recap

10:15pm Creating a Roadmap for AI adoption

- Making sense of your organisation's analytics capability and maturity
- Plotting a roadmap from business strategy to data science realisation
- Understanding of what makes organisations do data science and machine learning right
- Data quality, governance and literacy

11:00pm Key Elements for successful AI adoption your organisation

- Elements of a successful RPA program
- Need for an AI strategy
- Essential skills for AI success
- Involving the workforce in identifying process improvements

11:45pm Break

Module 4: The Risks and Future of AI

12:15pm The risks of AI and strategies to mitigate them

- Addressing bias and discrimination
- Privacy, ethics and data security
- Strategies and steps to mitigate these risks

01:00pm The Future of AI

- Exploring the risks and benefits of generative AI
- The impact of Deep Learning and Neural Networks

01:45pm Presenting your Roadmaps

02:15pm Closing Remarks

02:30pm End of Training



Get In Contact

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