

CURRICULUM VITAE

Ellen Ceklic, PhD

AI & Data Leader · Strategy, Governance & Agentic AI

Perth, WA ellenceklic.com linkedin.com/in/ellen-ceklic

PROFESSIONAL PROFILE

PhD-qualified AI and data leader with more than 20 years in regulated, high-stakes environments. I set the strategy, own the governance and lead the cross-functional teams that turn complex data into commercial products and sound decisions. My experience spans mining, health, public safety, philanthropy and government, with senior direction on agentic AI, large language models and responsible AI.

AREAS OF EXPERTISE

AI Strategy & Direction · AI & Data Governance · Agentic AI & LLMs · Building & Leading AI / Data Teams · Predictive Analytics & Machine Learning · Model Management & Validation · Responsible AI · NLP · Executive & Stakeholder Engagement · AI Product Development

EXPERIENCE

2025 – Present
Perth, WA

Director, Data & AI · Erity

- Own AI and data strategy across the Erity Group.
- Lead a cross-functional ML, computer vision and full-stack team.
- Set AI governance and lifecycle standards; direct agentic AI builds.

2020 – 2025
Perth, WA

Manager & Principal, Data Science · Minderoo Foundation

- Led data science strategy and analytics for evidence-based decisions.
- Built and ran a foundation-wide data roadmap and capability program.
- Embedded ML and predictive modelling into core programs; managed the team.

2019 – 2020
Riyadh, Saudi Arabia

Data Science Manager · Elm

- Built and led an all-female ML team delivering models for national platforms.
- Turned mixed data into models for real-time, intelligence-led decisions.

2017 – 2019
Perth, WA

Senior Data Scientist · Road Safety Commission, WA Government

- Built ML and statistical models for child-protection and road-safety.
- Translated model outputs into clear actions for executives.

2010 – 2016
Perth, WA

Data Linkage Manager · WA Health (Department of Health)

- Established secure, scalable healthcare data systems with government.
- Directed statewide health data engineering, modelling and integration.
- Introduced reproducible pipelines and governance adopted across agencies.
- Led data governance, quality assurance and ethics review.

2003 – 2010
Perth, WA

Statistical Analyst · Australian Bureau of Statistics

- Produced national reporting and analytical models from large datasets.
- Delivered predictive frameworks for research, policy and planning.
- Supported trend analysis and large-scale data processing.

EDUCATION

PhD, Applied Machine Learning & Predictive Analytics
Curtin University, with St John Ambulance Service

Graduate Certificate, Intelligence Analysis
Charles Sturt University

Graduate Certificate, Human Factors Engineering
Charles Sturt University

Bachelor of Science (Honours)
Curtin University

CERTIFICATIONS

Advanced Machine Learning in Python
Codemaster Institute

Advanced Linked Data Analysis
University of Western Australia

Advanced Epidemiology & Biostatistics
Curtin University

Applied Research & Biostatistics
Curtin University

Base SAS Programmer Certification
SAS

References available on request.