



Title	AI Innovation Engineer	Classification	Level 6
Number	946454	Group	Corporate Support
Reports to	AI Innovation Manager	Division	Transformation Management Office
Supervises	0	Branch	Enterprise Data Governance

Commission Overview

The Insurance Commission of Western Australia (Insurance Commission) is a Government Trading Enterprise that provides motor injury insurance to Western Australian motorists and manages the self-insurance arrangements of the Western Australian Government through its Government Insurance division. The Insurance Commission also invests and manages funds to meet insurance liabilities, and advises Government on insurance.

Our Values

We are committed to a high performance culture which values accountability, professional integrity and respect.

Business Unit Overview

The Transformation business unit provides strategic leadership in organisational transformation and associated change management initiatives, and data strategy.

Position Overview

The AI Innovation Engineer is a technical specialist responsible for designing, developing, and delivering artificial intelligence (AI) solutions that support enterprise transformation objectives. The role undertakes hands-on development and experimentation on approved AI use cases, implements components of the enterprise AI delivery framework and emerging MLOps capability, and ensures all AI solutions comply with governance, risk, privacy, and ethical requirements. It also translates business needs into working prototypes and production-ready assets.

By building high-quality, reusable and scalable AI components, the role accelerates AI-enabled capacity creation, reduces cycle time, and contributes to uplift in organisational capability.

Position Responsibilities

Technical AI Development

- Conduct data exploration, feature engineering, model selection, training, evaluation, and optimisation.
- Develop and deliver AI use cases from prototype through to production-ready solutions.
- Build reusable AI assets such as prompts, pipelines, automation scripts, and integration patterns.



- Document experiments, outcomes, and insights to support repeatability, maintainability, and scale.

AI Delivery Framework & MLOps

- Implement components of the enterprise AI delivery framework, including intake, experimentation, validation, and deployment.
- Contribute to establishing and maturing MLOps and model lifecycle practices (monitoring, retraining workflows, versioning, and operational metrics).
- Ensure models, code, and related artefacts follow secure engineering practices, version control, and established standards.

Governance, Risk, Security & Compliance

- Apply AI governance requirements, privacy, security, and ethical guidelines throughout the development lifecycle.
- Ensure solutions comply with enterprise architecture, cybersecurity standards, and data governance principles.
- Participate in design reviews, risk assessments, and compliance checks, escalating governance or ethical concerns where required.

Stakeholder Engagement & Solution Design

- Work closely with business stakeholders to understand pain points, opportunities, and operational constraints.
- Translate business requirements into technical specifications and solution designs.
- Collaborate effectively with IT, EDO, Data & AI Governance, Cyber Security, and external delivery partners.

Implementation, Change & Capability Uplift

- Assist with testing, user validation, and implementation of AI-enabled solutions.
- Support change activities by providing technical insights, training materials, demonstrations, and user guidance.
- Contribute to organisational capability uplift through documentation and knowledge-sharing.

Continuous Improvement & Workplace Culture

- Support successful onboarding and operationalisation of AI solutions.
- Contribute to continuous improvement, innovation, and quality service delivery.
- Promote a positive work environment that reflects the values of the Insurance Commission.

Corporate Responsibilities

- Exhibits accountability, professional integrity and respect consistent with the Insurance Commission's Values and Code of Conduct, and the public sector Code of Ethics.
 - Ensures all correspondence is to a professional standard consistent with the style guide.
 - Performs other duties as directed.
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Work Related Requirements

Capability to:

1. Deliver AI and data-driven solutions through hands-on model development, prompt engineering, automation, and related contemporary practices.
 2. Translate business problems into practical AI prototypes and production-ready solutions, applying appropriate tools, methods, and analytical approaches.
 3. Apply sound engineering discipline, including secure development, documentation, testing, and effective use of version control and reproducible workflows.
 4. Work within governance, architectural, risk, security, privacy and ethical frameworks to ensure AI solutions are compliant, safe, and aligned with organisational standards.
 5. Collaborate effectively with technical and non-technical stakeholders, communicating complex AI concepts simply and contributing to capability uplift through reusable components, documentation, and knowledge sharing.
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Pre-employment requirements

- A satisfactory National Police Clearance no more than six months old
 - 100 point identity check
 - Satisfactory evidence of Australian residency status or the right to work in Australia
 - Satisfactory evidence of essential qualifications or Professional Memberships (where applicable)
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Award/Agreement

Government Officers (Insurance Commission of Western Australia) Award 1987

Government Officers (Insurance Commission of Western Australia) General Agreement 2024

Certification

Approved by the delegated authority and registered on:

31 March 2026