

<b>Position Title:</b>	Lead AI/ML Consultant	<b>Classification Level:</b>	Level 6
<b>Position Number:</b>	3240003	<b>Location:</b>	Midland
<b>Reports To:</b>	Manager Earth Observation, Level 6	<b>Positions Under Control:</b>	0
<b>Branch/Section:</b>	Earth Observation	<b>Job Families/ Function:</b>	Science & Technical
<b>Business Unit:</b>	Location Services	<b>Leadership Context:</b>	Leading Others – Knowledge Leader

## Business Area Overview

Location Services provides trusted location data and spatial services to support the management and development of Western Australia to benefit the community. Earth Observation creates and maintains the State's foundational location information, explores advanced earth observation and delivers remote sensing services to customers.

## Role Summary

The Lead AI/ML Consultant explores the application of artificial intelligence and machine learning technologies to processes, products and services within Landgate. This role supports the delivery of services to customers, including specialised and customised integration of imagery and location information; analysis and integration of spatial data in appropriate imagery and geographic information systems; and data extraction and delivery.

## Responsibilities

- Applies expert knowledge to resolve highly complex and/or serious technical issues related to AI/ML Solutions.
- Collaborates with the Manager Earth Observation to determine work programs and projects based on available resources. Coordinates the delivery of enhanced products and services, ensuring compliance with quality, technical and legislative requirements, while assessing team technical performance.
- Contributes to the development of business plans and budget forecasting. Proactively manage the approved budget and expenditure within the AI/ML function of Earth Observations' AWS accounts.
- Undertakes day-to-day contract management for AIML work undertaken by contract, including ensuring the delivery of products to meet specifications, providing contractor feedback and dealing with contractual disputes on operational matters.
- Maintains an expert level of skill and knowledge of emerging technologies and trends within the industry in addition to related legislation, regulation and policies.
- Provides expert information, advice and recommendations to internal and external stakeholders on policy, procedural changes, project proposals and complex technical matters.
- Develops and maintains strategic partnerships across Landgate to facilitate Earth Observation service delivery.
- Proactively identifies opportunities for innovation and improvement and works with stakeholders across the business to implement these.
- Participates in internal and external committees and working groups, acting a representative for the business area.
- Ensure adherence to IT security policies and frameworks to maintain organizational compliance with industry standards and regulations.
- Mentors, coaches and develops staff in technical roles and provides leadership that encourages continuous learning.

- Adheres to Work Health and Safety (WHS) policies and procedures that ensures the safety of staff and customers.
- Acts with integrity at all times, demonstrates behaviours aligned with Landgate's code of ethics and works within relevant policies and procedures, contributing to the accountabilities of the team.
- Performs other duties as directed.

## Essential Role Requirements

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### Expected Behaviours

Landgate has adopted the Public Sector [Leadership Expectations framework](#), and this role sits in the **Leading Others** context. Leadership in this first formal positional leadership context is about motivating and enabling others to deliver high quality work that contributes to the agency.

- **Lead collectively** – You link the work of your team and your domain of expertise to the agency's objectives and can explain this linkage clearly to others.
- **Think through complexity** – You approach problems with curiosity, seek to understand and identify the root causes of problems and initiate solutions with confidence.
- **Dynamically sense the environment** – You adapt your communication style to target audience to influence or persuade.
- **Deliver on high leverage areas** – You train others to think about their work and how it relates to high leverage areas and monitor the implementation and completion of tasks.
- **Build capability** – You contribute to the development of those in your team or work area by understanding their current capabilities and striving to develop them further.
- **Embody the spirit of the public service** – You lead by example, promoting and role modelling behaviours and respect for others in all aspects of your work, thereby protecting your reputation and that of your team or work area, agency and the sector.
- **Lead adaptively** – You proactively extend your knowledge, skills and expertise to ensure your contribution continues to add value.

### Experience/Qualifications

- Substantial experience with development and application of machine learning techniques to solve real world problems with a strong preference for experience using imagery/spatial datasets in model development and application.

## Desirable Role Requirements

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- Possession of or progress towards a tertiary degree in a relevant discipline such as earth Imagery, computer or data science.

## Appointment Conditions

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- National Police Clearance

## Reporting Relationships

<b>Reports to:</b>	
Manager Earth Observation, Level 6	<b>Other positions reporting to this position:</b>
	Lead Imagery Systems Consultant, Level 6
	Lead Spatial Systems Developer, Level 6
	Lead Imagery Solutions Consultant, Level 6
	Lead Imagery Analyst, Level 6
	AI/ML Consultant, Level 5
	Imagery Systems Consultant, Level 5
	Senior Spatial Systems Developer, Level 5
	Senior Spatial Systems Developer, Level 5 (Temp)
	Imagery Solutions Consultant, Level 5
	AI/ML Officer, Level 4
	Spatial Systems Developer, Level 4
	Imagery Officer, Level 4 (x3)
	Imagery Systems Officer, Level 4 (x2)
<b>This position:</b>	
Lead AI/ML Consultant, Level x	
	Direct reports: Nil

## Certification

These details are an accurate statement of the duties, responsibilities and other requirements of the position.

Position Title and Business Unit	Name	Date
P&C Senior Advisor, Corporate Services	Sharon McKenzie	4 June 2025
Director Earth Observation, Location Services	Matthew Adams	17 June 2025

**Effective Date:** 30 June 2025