



Data & AI Strategy

Introduction

Effective **architecture and design** are critical to the successful delivery of **business change**, **cloud adoption** and **digital transformation** across the public sector. Mosaic Island provides a suite of **design-led consulting services** that support public sector organisations in planning, shaping and delivering complex change in a controlled, proportionate and outcome-focused manner.

Our services support organisations across the full change lifecycle, from **strategy and enterprise architecture** through **enterprise solution architecture**, **solution architecture** and **data architecture**, to **delivery management**, **assurance** and **recovery**. We help ensure that architectural decisions, delivery governance and operating models are aligned to organisational objectives, statutory obligations and service outcomes.

Our approach is collaborative, pragmatic and flexible. We work *with you, not to you*, tailoring our services to organisational context, maturity and delivery environment. Services can be engaged individually or combined to provide end-to-end support across **cloud migration**, **digital service delivery**, **business change** and **large-scale technology programmes**.

Our services are grounded in extensive real-world experience across the private and public sectors, and across a range of delivery models including **agile**, **waterfall** and **hybrid**. We adapt our approach to support effective governance, assurance and value for money, helping organisations manage risk while delivering sustainable change.

Our focus is on practical delivery. We support informed decision-making, reduce delivery risk and help organisations design and deliver solutions that are fit for purpose, secure and capable of evolving over time.

Service Overview

Mosaic Island's **Data & AI Strategy Definition** service helps organisations define clear, practical strategies for the effective use of **data**, **analytics** and **artificial intelligence (AI)** to support **cloud enabled** and **digital transformation**. The service provides structured analysis and strategic planning to align data and AI capabilities with organisational goals, priorities and risk appetite.

We work collaboratively with business and technology stakeholders to develop **multi-year data and AI strategies** that support improved decision making, operational efficiency, automation and insight. Our approach ensures that AI ambitions are grounded in strong data foundations and aligned to **business strategy**, **cloud adoption**, **technology architecture**, **operating models** and governance.

This service is suited to organisations seeking to modernise data platforms, improve data governance, enable analytics and AI, or establish a foundation for **responsible, scalable AI adoption**.



Our Approach

Our Data & AI Strategy service uses a structured, collaborative approach designed to engage stakeholders across the organisation. We work *with you, not to you*, co-creating a strategy that reflects organisational context, **data maturity**, **AI readiness** and delivery capability.

The strategy aligns business objectives with the use and exploitation of data and AI to deliver measurable organisational value. It defines the **business, data and technology capabilities required**, and identifies the changes needed to governance, organisation, skills and ways of working to support successful and responsible AI adoption.

The output is a clear **Data & AI Strategy**, supported by an **evolution plan** and **roadmap**, balancing ambition, risk, affordability and readiness for change.

Strategic Focus Areas

The Data & AI Strategy service typically addresses:

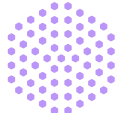
- **Data and AI strategy and information management**
- **Cloud data platforms and AI-enabled architectures**
- **Data governance, AI governance and operating models**
- **Business intelligence, analytics, machine learning and AI**
- **Data integration, interoperability and data quality**
- **Enterprise data architecture, standards and ethics**
- **Identification and prioritisation of AI use cases**

The strategy considers how platforms such as **operational data stores**, **enterprise data warehouses**, **data lakes** and **AI/ML platforms** should be implemented or evolved, and how analytics, reporting, data science and AI capabilities are governed and delivered.

Service Features

The Data & AI Strategy Definition service may include:

- Definition of **data and AI governance** and organisational structures
- Documentation of **current and future state data and AI capabilities**
- Definition of **business information models**, **conceptual data models** and AI-relevant data assets
- Identification of business-driven use cases for **analytics, AI and automation**
- Assessment of **AI readiness**, including data quality, skills, tooling and controls
- Alignment with **cloud, security, integration, digital** and **corporate technology strategies**
- Alignment with organisational business strategies and transformation goals
- Definition of core data and AI artefacts, including catalogues, definitions, information flows and control models
- Development of a **technology and AI roadmap** to implement the strategy



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Service Benefits

This service enables organisations to:

- Establish a clear **data and AI landscape**, target architecture and evolution plan
- Improve alignment between **business objectives**, data capabilities and AI ambitions
- Enable **responsible and governed AI adoption**
- Adopt data and AI architectures based on recognised best practice and standards
- Achieve clearer definition of data assets critical to AI and analytics
- Support major **cloud, digital and AI-enabled transformation** initiatives
- Improve access to trusted data and enable a **single view of information**
- Increase delivery predictability and reduce long-term **total cost of ownership**
- Decouple business change from core systems through effective data and semantic layers

Typical Outcomes

- A clearly defined **Data & AI Strategy**
- Improved data and AI governance and ownership
- A practical **data and AI roadmap** aligned to cloud and digital delivery
- Prioritised, achievable AI and analytics use cases
- Stronger foundations for **data-driven and AI-enabled transformation**

Why Mosaic Island

Mosaic Island is **independent, technology-agnostic** and experienced in supporting complex **data, AI and digital change** across public sector and regulated environments. We help organisations translate strategy into action through strong alignment between business objectives, cloud technology, data foundations and delivery capability.