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COURSE BROCHURE

# AI Operating Model and Centre of Excellence Design Training Course

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Registered in the United Kingdom and Saudi Arabia

# AI Operating Model and Centre of Excellence Design Training Course

AI Operating Model and Centre of Excellence Design is a 1-week training course for senior managers, department heads and transformation leaders who will draft an AI Operating Model Blueprint. Many organisations run scattered AI experiments yet move few into operations, because nobody owns models, talent and funding. Jupiter Prime Training presents AI Operating Model and Centre of Excellence Design as the structural choice that turns isolated experiments into repeatable capability.

## Why AI Operating Model and Centre of Excellence Design Matters Now

Three pressures meet at executive level today. Generative and predictive tools have spread into every function without shared standards. Boards and audit committees now ask who is accountable when a model fails or drifts. Scarce machine learning engineers are pulled between competing departments. An organisation with a clear structure reuses platforms, talent and lessons across units; one without it pays repeatedly for duplicated tools and stalled proofs of concept. The course rests on the ISO/IEC 42001 AI management system standard and the NIST AI Risk Management Framework AI RMF.

## Who Gains Most from AI Operating Model and Centre of Excellence Design

- Leaders who decide where AI specialists sit and to whom they report
- Department heads who sponsor AI initiatives inside their own function
- Transformation leads who sequence change across several business units
- Executives who allocate budgets between central platforms and local projects
- Risk and assurance heads who set accountability for model decisions

A cross-functional leadership group gains most when its business, technology and risk heads attend together, because centre and spoke design only works when each side agrees its role.

## AI Operating Model and Centre of Excellence Design Capabilities

Participants learn to choose a structure, then size the centre that serves it.

- Weigh centralised, federated and hub and spoke archetypes against organisational maturity — executive committee
- Design the charter, services and staffing of an AI centre of excellence — transformation office
- Specify a stage-gate intake funnel that moves ideas from proof of concept to production — portfolio sponsors
- Build a chargeback or central funding model for shared AI platforms — finance leaders
- Align role definitions such as AI product owner and model steward with ISO/IEC 42001 duties — risk committees
- Calculate a value scorecard that tracks benefits realised by each production model — board members

## Key AI Operating Model and Centre of Excellence Design Terms

- AI operating model — the structure, roles, funding and decision rights through which an organisation builds and runs AI.
- Centre of excellence — a central unit that sets standards, hosts shared platforms and coaches business units on AI.
- Hub and spoke — a design where a central hub provides expertise and platforms while embedded spokes deliver inside functions.
- Stage gate — a decision point where an AI initiative must meet stated criteria before receiving further funding.
- AI product owner — the business role accountable for a model's purpose, priorities and realised benefits.
- Chargeback — a funding method that bills business units for their use of shared AI services.

## AI Operating Model and Centre of Excellence Design Day by Day

### Day 1: Strategy, Maturity and Structural Choices

- AI Ambition Statements Linked To Corporate Strategy — Setting Direction
- AI Maturity Assessment Across Data, Talent And Platforms — Starting Point
- Centralised, Federated And Hub And Spoke Archetypes — Structural Fit
- Decision Rights Matrix For Models And Platforms — Clarifying Ownership
- Lessons From Stalled Proofs Of Concept — Root Causes Of Failure

### Day 2: Building the Centre of Excellence

- Centre Of Excellence Charter And Service Catalogue — Defining Scope
- Core Roles Including AI Product Owner And Model Steward — Staffing
- Shared Platform And MLOps Toolchain Choices — Build Or Buy
- Talent Pathways And Embedded Spoke Specialists — Career Structure
- Community Of Practice And Reusable Asset Libraries — Knowledge Reuse

### Day 3: Portfolio Intake, Funding and Scaling

- Stage-Gate Intake Funnel For Use Cases — Prioritising Ideas Consistently
- Investment Cases With Benefit Hypotheses — Release Of Funding
- Central Funding Versus Chargeback Models — Budget Allocation Choices
- Pilot To Production Readiness Criteria — Scaling Decisions
- Vendor And Partner Ecosystem Mapping — Sourcing Strategy

### Day 4: Accountability, Change and Value Tracking

- ISO/IEC 42001 Management System Roles — Embedding Responsibilities
- NIST AI RMF Govern Function — Board And Committee Oversight
- Change Leadership And Stakeholder Mapping — Resistance In Business Units
- Value Scorecards And Benefit Realisation Reviews — Continuing Or Retiring Models
- Operating Rhythm Of Steering Meetings — Escalation Paths

## Day 5: Practising the AI Operating Model Blueprint

- Applying Archetype Choice To A Retail Bank Case — Structure Decision
- Applying Centre Charter Design To A Hospital Network Case — Service Scope
- Applying Funding Models To A Manufacturing Group Case — Budget Split
- Peer Challenge Of Draft Decision Rights — Gap Identification
- AI Operating Model Blueprint — Structure, Roles, Funding And Roadmap

## Applying AI Operating Model and Centre of Excellence Design After the Course

- Run a maturity assessment across three business units and recommend one structural archetype.
- Draft a centre of excellence charter with its service catalogue for executive approval.

## AI Operating Model and Centre of Excellence Design Questions FAQ

### What is AI operating model and centre of excellence design and why does it matter now?

It is the choice of structure, roles, funding and decision rights for AI across an organisation, including the central unit that supports it. It matters now because scattered experiments rarely reach production without clear ownership.

### Which roles gain most from AI operating model and centre of excellence design?

Senior managers, department heads and transformation leaders gain most.

### How does AI operating model and centre of excellence design differ from a course on AI strategy?

An AI strategy course sets ambitions and priorities. This subject decides how the organisation is arranged to deliver them, from archetype and centre charter to funding gates and accountability.

### What do you bring back from AI operating model and centre of excellence design?

You bring back a draft blueprint setting structure, roles, funding and roadmap.

## AI Operating Model and Centre of Excellence Design: The Way Forward

The AI Operating Model Blueprint records the chosen archetype, the centre's charter, core roles, funding method, stage gates and a phased roadmap. Its first use is the executive decision on where AI specialists report. Transformation and technology leaders maintain it. After the first year, revisit whether the balance between hub and spokes still fits the organisation's maturity.