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COURSE BROCHURE

# AI Enabled Strategic Decision Making Training Course

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# AI Enabled Strategic Decision Making Training Course

AI Enabled Strategic Decision Making is a 1-week training course for senior managers, strategy officers, executives and business analysts that ends with an AI-supported decision brief for one strategic choice facing their organisation. Forecasting models, scenario simulators and decision intelligence platforms can now test options before capital or reputation is committed. Jupiter Prime Training offers this AI Enabled Strategic Decision Making course to leaders who must weigh machine evidence alongside judgement.

## Why AI Enabled Strategic Decision Making Matters Now

Three pressures shape AI enabled strategic decision making today: volatile markets that shorten planning cycles, boards that expect options backed by quantified evidence, and models whose confident outputs can hide weak assumptions or biased training records. Leaders who frame questions well and probe model evidence can move faster with fewer reversals; those who accept a dashboard at face value risk costly errors and blurred accountability. The course rests on ISO/IEC 42001, the AI management system standard, and the NIST AI Risk Management Framework NIST AI RMF for judging how far a model's output can be trusted in a high-stakes choice.

## Who Gains Most from AI Enabled Strategic Decision Making

- Leaders who own portfolio, investment and market-entry choices
- Strategy staff who prepare options papers and scenario packs for executive committees
- Analysts who build forecasts and translate model outputs for decision makers
- Executives who chair committees and must defend choices to boards and shareholders
- Risk owners who test whether a recommended option rests on sound evidence

An executive committee and its strategy office gain most when several members attend together and adopt one shared method for framing questions and reading model evidence.

## AI Enabled Strategic Decision Making Capabilities

Participants learn to treat models as advisers whose evidence is questioned, weighted and recorded, not as oracles.

- Specify a strategic decision question, options and criteria before any model runs — executive committees
- Assess forecast accuracy, uncertainty ranges and data gaps — investment and portfolio boards
- Test strategic options across simulated scenarios and stress cases — strategy offices
- Weigh model outputs against expert judgement and stakeholder values — chief executives
- Apply bias checks and human accountability points to AI-supported choices — risk and audit owners

- Communicate a recommendation with its evidence and confidence level — boards and shareholders

## Key AI Enabled Strategic Decision Making Terms

- Decision intelligence — a discipline combining analytics, models and behavioural insight to design and improve how organisations make choices.
- Predictive analytics — statistical and machine learning methods that estimate future outcomes from historical and current records.
- Scenario modelling — simulating several plausible futures to see how each strategic option performs under different conditions.
- Prediction interval — the range within which a forecast value is expected to fall, showing how uncertain the estimate is.
- Automation bias — the tendency to over-trust a system's recommendation and overlook contrary evidence or warnings.
- Decision log — a record of the question, options, evidence, choice and owner, kept for later review and learning.

## AI Enabled Strategic Decision Making Day by Day

## Day 1: Strategic Choices in a Model-Rich World

- Decision Typology Grid — Reversible, Irreversible and Recurring Choices
- Decision Intelligence Platforms — Where Models Help Executive Committees
- Decision Question Framing Canvas — Options, Criteria and Constraints
- Cases From Retail Expansion and Utility Investment — Lessons From Outcomes
- Decision Rights Matrix — Who Owns Which Strategic Choice

## Day 2: Predictive Evidence and Its Limits

- Demand and Revenue Forecasting Models — Inputs for Growth Choices
- Prediction Intervals and Back-Testing — Confidence in a Forecast
- Feature Importance and Explanation Tools — Why a Model Recommends
- Data Quality and Representativeness Checks — Gaps That Distort Evidence
- Model Assumption Register — Hidden Premises Behind Outputs

## Day 3: Scenarios, Simulation and Option Testing

- Scenario Planning Matrix — Critical Uncertainties for the Sector
- Monte Carlo Simulation — Range of Financial Outcomes per Option
- Agent-Based and System Dynamics Models — Market and Competitor Reactions
- Real Options Thinking — Staging Commitments Under Uncertainty
- Stress Tests and Pre-Mortems — Exposing Fragile Strategies

## Day 4: Bias, Judgement and Accountability

- Automation Bias and Anchoring — Guarding Committee Deliberation
- Multi-Criteria Decision Analysis — Combining Model Scores With Values
- Human Accountability Checkpoints — Sign-Off for AI-Supported Choices
- NIST AI RMF Measure and Manage Functions — Trust Thresholds
- ISO/IEC 42001 Records and Roles — Traceable Strategic Evidence

## Day 5: Practising the AI-Supported Decision Brief

- Framing Canvas From Day 1 — One Live Strategic Question
- Forecast Evidence From Day 2 — Confidence and Assumptions
- Scenario Results From Day 3 — Option Performance Comparison
- Decision Log Template — Recording Rationale and Ownership
- AI-Supported Decision Brief — Committee-Ready Recommendation

## Applying AI Enabled Strategic Decision Making After the Course

- Apply the decision framing canvas to the next item on the executive committee agenda, agreeing options and criteria before any forecast is commissioned.
- Run a pre-mortem on a current strategic forecast, such as a market-entry plan or capital project, and add the risks found to its assumption register.

## AI Enabled Strategic Decision Making Questions FAQ

### What is AI enabled strategic decision making and why does it matter now?

AI enabled strategic decision making is the use of forecasts, simulations and decision intelligence tools to inform major organisational choices. It matters now because planning cycles are shorter and boards expect evidence, while models can mislead if their limits are not understood.

### Which roles gain most from AI enabled strategic decision making training?

Senior managers, strategy officers, executives and business analysts gain most. Leaders learn to question model evidence, and analysts learn to present outputs with clear uncertainty, assumptions and confidence so committees can act on them.

### How does AI enabled strategic decision making differ from a data analytics course?

It focuses on the decision, not on building models. You frame strategic questions, judge forecasts and scenarios, manage bias and keep accountability, rather than learning to clean records, code or design dashboards.

## What do you bring back from AI enabled strategic decision making training?

You bring back an AI-supported decision brief for one live strategic choice. It sets the question, options, forecast evidence, scenario results, bias checks and decision owner, ready for an executive committee.

## AI Enabled Strategic Decision Making: The Way Forward

The AI-supported decision brief informs the first committee choice it reaches: which option to pursue and under what evidence thresholds. Executives, strategy officers and analysts use it as a shared record. After the decision plays out, revisit the assumption register and prediction intervals, since actual results show which signals deserved more or less weight.