Big Data Strategy and Roadmap for Decision Leaders Training Course

11 – 15 October 2027
Addis Ababa

AGILE LEADERS
Training Center

AGILE LEADERS
Training Center

Big Data Strategy and Roadmap for Decision Leaders Training Course

Ref: 788_224006 **Date:** 11 – 15 October 2027 **Location:** Addis Ababa **Fees:** 4500 Euro

Overview

Big Data Strategy and Roadmap for Decision Leaders Training Course is a one-week managerial course for executives, functional leaders, strategy teams, transformation sponsors, data initiative owners, and decision makers who leave with a Big Data Strategy and Roadmap Decision Pack. Participants connect data as a strategic asset, strategic outcomes, use-case portfolios, value hypotheses, capability assessment, governance, architecture principles, target operating models, investment cases, talent, sourcing, roadmap waves, and decision governance. Agile Leaders Training Center develops practical big data strategy capability.

Who Should Attend

- Executive leadership functions responsible for strategic direction and investment choices
- Functional leadership teams responsible for data-enabled outcomes and adoption
- Strategy functions responsible for priorities, value cases, and performance measures
- Transformation sponsors responsible for portfolios, dependencies, and delivery governance
- Data initiative owners responsible for governance, architecture, talent, and sourcing decisions
- Decision-support functions responsible for evidence, benefits, and roadmap reporting

The course assumes participants can interpret business strategy, investment cases, organizational capabilities, and performance measures, and leaves out coding, platform administration, detailed solution design, vendor certification, and model development.

Departments and Industries

The course supports departments and industries that seek measurable value from large-scale data.

- Financial services strategy and transformation
- Retail and digital commerce leadership
- Manufacturing and operations transformation
- Healthcare service strategy
- Telecommunications and digital platforms
- Public-service data leadership

Learning Objectives

By the end of this course, participants will be able to:

- Analyze strategic outcomes and data-value opportunities
- Prioritize a portfolio of big-data use cases
- Evaluate governance, architecture, risk, and trust choices
- Build a target operating model and capability plan
- Compare investment, talent, sourcing, and vendor options
- Build a staged roadmap with metrics and decision gates

Course Agenda

Day 1: Define Strategic Data Value

- Data as a Strategic Asset Canvas
- Business Outcome and Decision Map
- Big Data Opportunity and Constraint Register
- Value Hypothesis and Impact Measure Sheet
- Strategy Principle and Scope Charter

Day 2: Prioritize the Use Case Portfolio

- Use Case Discovery and Framing Template
- Value, Feasibility, Risk, and Readiness Scorecard
- Portfolio Dependency and Data Requirement Map
- Use Case Prioritization Matrix
- Benefits Assumption and Evidence Register

Day 3: Shape Governance and Architecture

- Data Governance Decision Rights Model
- NIST Big Data Architecture Alignment Map
- Data Quality, Privacy, Ethics, and Trust Checklist
- Interoperability and Reuse Principle Matrix
- Architecture Option and Tradeoff Record

Day 4: Build the Operating and Investment Model

- Big Data Capability Maturity Assessment
- Target Operating Model Canvas
- Talent, Skills, and Role Gap Matrix
- Sourcing and Vendor Evaluation Framework
- Investment Case and Funding Decision Sheet

Day 5: Practice Roadmap Decisions

- Exercise: Link Strategic Outcomes to Data Value
- Exercise: Prioritize a Big Data Use Case Portfolio
- Exercise: Evaluate Governance and Architecture Choices
- Exercise: Sequence Capabilities, Investments, and Decision Gates
- Capstone: Big Data Strategy and Roadmap Decision Pack

Practical Exercises

The course uses suggested activities based on financial services, retail, manufacturing, healthcare, telecommunications, and public-service scenarios.

- Suggested activity: connect strategic outcomes with decision questions, data opportunities, constraints, and value measures.
- Suggested activity: score and balance use cases by value, feasibility, risk, readiness, dependencies, and evidence.
- Suggested activity: compare governance, architecture, talent, sourcing, and investment options.
- Suggested activity: assemble implementation waves, metrics, owners, dependencies, and decision gates in the final roadmap pack.

FAQs

Who suits big data strategy training, and what does it assume?

Executives, functional leaders, strategy teams, transformation sponsors, initiative owners, and decision-support functions suit the course; it assumes experience with strategy, investment, capabilities, and performance measures.

How does big data strategy differ from technical big data training?

Big data strategy focuses on value, portfolios, governance, operating models, investment, capabilities, and roadmap decisions, while technical training focuses on building, operating, or analyzing specific data platforms and pipelines.

How are big data use cases prioritized?

Big data use cases are prioritized by strategic alignment, measurable value, feasibility, data readiness, risk, trust, dependencies, adoption requirements, and strength of supporting evidence.

What belongs in a big data target operating model?

A target operating model defines decision rights, roles, governance forums, architecture principles, delivery interfaces, talent, sourcing, funding, controls, performance measures, and accountability for benefits.

AGILE LEADERS
Training Center

How should a big data strategy roadmap be governed?

A big data strategy roadmap should use staged waves, explicit outcomes, owners, dependencies, investment decisions, readiness criteria, risk controls, benefits measures, and gates for continuing, changing, or stopping initiatives.

Conclusion

Participants take back a Big Data Strategy and Roadmap Decision Pack linking outcomes, use cases, value, capabilities, governance, architecture, risk, operating models, investment, talent, sourcing, waves, and decision gates. It changes disconnected initiatives into a governed strategy portfolio. The pack supports leadership choices, delivery alignment, and measurable data value.