AI LAB: training path 2026

Modules description

PART 1/ Building organisational readiness (confidence-building, non-technical, value-focused)

1.1 Introduction to AI for Private Equity and Venture Capital
An overview of key AI concepts, differences between generative AI and traditional machine learning, the role of large language models, global adoption trends in PE/VC, and the specific risks, opportunities, and ecosystem developments relevant to Luxembourg.

1.2 The EU AI Act: What PE/VC Professionals Need to Know
A practical introduction to the EU AI Act, covering its scope, risk-based framework, and the concrete implications for how PE/VC firms use AI across investment, monitoring, reporting, and internal operations.

1.3 Data Readiness & Use Case Prioritization
A focused exploration of why data is an important aspect in AI adoption, how to structure and prepare key datasets, and how to identify, prioritize, and evaluate high-impact AI use cases based on value and risk.

1.4 People, Skills & Change Management
An examination of the human side of AI adoption, including required skills, talent strategies, leadership roles, cultural challenges, decision-making frameworks, and how to effectively manage change and resistance.

1.5 Visit of the LHOFT AI Experience Center
An immersive session providing practical exposure to AI applications and use cases within a dedicated innovation environment relevant to financial services.

Module 2/ Responsible and Compliant Adoption - Enabling safe acceleration, not blocking innovation

2.1 AI Governance & Risk Management and Responsibility
A comprehensive look at how to embed AI into governance and risk frameworks, covering internal policies, outsourcing considerations, data and cybersecurity foundations, and vendor assessment approaches.

2.2 Ethics & Responsible AI Principles
An exploration of the core ethical principles guiding AI use, including fairness, transparency, bias mitigation and human oversight.

2.3 Legal, GDPR & Vendor Risk
A practical overview of legal and data protection considerations related to AI, including GDPR implications, use of sensitive data, external tools, cloud solutions, and contractual safeguards with vendors.

2.4 Technical Overview

An introduction to key AI concepts and system architectures, including AI agents, with a focus on how these technologies can help create value across the PE/VC lifecycle through practical use cases, real-world industry examples, and key considerations for evaluating and deploying such solutions.