

**Foundations of Responsible AI for Executives**

**Course Number:** AI-154WA
**Duration:** 1 day

**Overview**

This Responsible AI training course is tailored for executives and directors seeking a high-level understanding of AI systems, responsible AI, and AI risk management. The course explores management-specific topics such as prioritizing AI risks and quantifying ROI for AI systems. Learners gain hands-on experience with the [NIST AI Risk Management Framework](https://www.nist.gov/itl/ai-risk-management-framework) and practice issue spotting using industry-specific examples.

**Prerequisites**

No prior experience is required.

**Materials**

All students receive comprehensive courseware.

**Software Needed on Each Student PC**

All attendees must have a modern web browser and an Internet connection.

**Objectives**

* Understand the potential harms posed by AI systems
* Comprehend the challenges of AI risk management
* Learn the lifecycle and critical dimensions of AI systems
* Develop strategies to avoid, reduce, transfer, diversify, and mitigate AI risk
* Explore potential legislation and the future of responsible AI

**Outline**

* Foundations of Artificial intelligence
	+ What is intelligence, AI, and Generative AI?
	+ Traditional AI, Machine Learning, and Deep Learning
	+ Generative AI, Prompt Engineering, and Retrieval Augmented Generation
* Introduction to AI Systems and AI Project Management
	+ The AI System Lifecycle
	+ Common AI Actors
	+ Challenges of AI Project Management
	+ Quantifying ROI on AI Systems
* Understanding AI Risks and AI Risk Management
	+ What is “Responsible” AI?
	+ AI Risks vs. Traditional Software Risks
	+ Challenges & Strategies for AI Risks Management
	+ Generative AI Risks & Mitigations
	+ Generative AI Cybersecurity Threat Vectors
* Governing Responsible AI
	+ What makes AI “Responsible” and “Trustworthy”?
	+ Policies, processes, procedures, and practices
	+ Accountability structures
	+ Diverse Input
	+ Culture & Communication
	+ Engagement Processes
	+ Policies and Procedures
	+ Contingency Plans
* Conclusion
	+ Issue Spotting
	+ Regulations and Legislation (Tailored per Industry)