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THE ROLE OF AI FOR PROTECTING ORGANIZATIONS AGAINST CYBERATTACKS

Start Date:	23/11/2026	**End Date:**	27/11/2026
Categories:	Artificial Intelligence & En	**Venues:**	Istanbul
Formats:	In Person	**Instructors:**	

OVERVIEW

This course explores how artificial intelligence is reshaping cybersecurity by enhancing threat detection, incident response, and risk prediction. Participants will gain an understanding of AI-powered cybersecurity systems and how to leverage them within organizational defense strategies.

OBJECTIVES

By the end of this course, participants will be able to: – Understand how AI detects and responds to cyber threats in real time. – Explore tools that use AI for intrusion detection and malware analysis. – Use predictive analytics for threat anticipation and vulnerability management. – Evaluate cybersecurity AI vendors and deployment models. – Align AI cybersecurity strategy with compliance and governance needs.

COURSE OUTLINE

1- Cyber Threat Landscape and AI’s Role 2- AI-Driven Detection, Monitoring, and Response 3- Threat Intelligence and Predictive Security 4- Evaluating and Deploying AI Cyber Tools 5- Governance, Ethics, and Response Planning

TARGET AUDIENCE

All Supervisory Levels, IT professionals, cybersecurity teams, risk officers, compliance managers, and CIOs looking to augment protection using AI.

METHODOLOGY

Threat simulations, vendor case reviews, AI detection tool demos, risk planning exercises.

CONCLUSION

Participants will learn how to integrate AI solutions into cybersecurity strategy and strengthen digital resilience.

DAILY AGENDA

Day 1: Understanding the Threat Landscape

Analyze top cyber risks and how AI fits into modern defense ecosystems.

Day 2: AI Detection and Incident Response

Explore machine learning in SIEM tools, anomaly detection, and automated response.

Day 3: Predictive Threat Analysis

Apply data models for risk scoring and attack surface reduction.

Day 4: Choosing and Evaluating AI Tools

Assess vendor offerings and integration approaches for AI-based security.

Day 5: Ethics, Governance, and Crisis Planning

Address AI risk, explainability, and post-breach AI workflows.

For more information, please contact us:
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