



*Training Course:
Artificial Intelligence Risks in National Security*

*24 - 28 November 2025
London (UK)
Landmark Office Space - Portman Street*

Training Course: Artificial Intelligence Risks in National Security

Training Course code: SC236257 From: 24 - 28 November 2025 Venue: London (UK) - Landmark Office Space - Portman Street Training Course Fees: 6000 € Euro

Introduction

Artificial Intelligence AI is rapidly transforming the landscape of national security, enhancing capabilities in defense, intelligence, and cybersecurity. However, the integration of AI into critical systems also introduces significant risks, including ethical concerns, adversarial attacks, autonomous weaponization, data manipulation, and vulnerabilities to critical infrastructure. This program is designed to provide participants with an in-depth understanding of the opportunities and threats posed by AI in the context of national security, equipping them with the knowledge and tools to assess, mitigate, and manage AI-related risks effectively.

Objectives

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

- Understand the fundamentals of AI applications in national security contexts.
- Identify and analyze emerging AI-related risks to defense and critical infrastructure.
- Evaluate ethical, legal, and geopolitical implications of AI in military and intelligence operations.
- Develop strategies for mitigating AI threats, including adversarial attacks and misuse of AI technologies.
- Formulate policies and frameworks to enhance AI governance in national security sectors.

Course Methodology

This program uses a blended learning approach, including:

- Expert-led presentations with real-world case studies.
- Group discussions and scenario analysis on AI-driven threats.
- Workshops and exercises on risk assessment and mitigation strategies.
- Policy review sessions focusing on international standards and best practices.

Organizational Impact

Organizations and government entities participating in this program will:

- Gain a strategic perspective on AI risks to enhance preparedness and resilience.

- Improve their ability to integrate AI technologies securely and responsibly.
- Strengthen policy frameworks to address AI-related ethical, legal, and security challenges.
- Enhance national capability to prevent, detect, and respond to AI-driven threats.

Target Audience

This program is ideal for:

- National security and defense officials.
- Intelligence officers and cybersecurity specialists.
- Policy makers and government advisors.
- Risk managers in critical infrastructure sectors.
- Researchers and professionals in AI ethics and governance.

Outlines

Day 1:

Foundations of AI in National Security

- Overview of Artificial Intelligence and Machine Learning concepts.
- Key AI applications in defense, intelligence, and cybersecurity.
- Benefits and opportunities of AI in national security operations.
- Case study: Use of AI in modern military operations.

Day 2:

Emerging AI Risks and Threat Landscape

- Understanding AI-specific vulnerabilities adversarial attacks, data poisoning, model theft.
- Threats to critical infrastructure and national defense systems.
- Role of AI in cyberwarfare and hybrid warfare.
- Case study: AI-driven disinformation and influence campaigns.

Day 3:

Ethical, Legal, and Geopolitical Challenges

- Ethical dilemmas of AI in warfare autonomous weapons, human oversight.
- Legal frameworks governing AI use in national security.
- International competition and AI arms race implications.
- Discussion: Balancing innovation and security in AI policies.

Day 4:

Risk Assessment and Mitigation Strategies

- Frameworks for AI risk assessment in defense environments.
- Security-by-design approaches for AI systems.
- Mitigating bias, ensuring transparency, and building trustworthy AI.
- Workshop: Designing a risk mitigation plan for AI deployment in critical sectors.

Day 5:

Policy Development and Future Outlook

- Developing national AI governance strategies and resilience policies.
- Collaboration with allies and international organizations on AI security.
- Future trends: Quantum computing, AI superintelligence, and national security.
- Final exercise: Drafting an AI risk management policy for a national security agency.

Registration form on the Training Course: Artificial Intelligence Risks in National Security

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