AI and Machine Learning in Intelligence Gathering and Surveillance

COURSE OVERVIEW

This course explores the transformative role of Artificial Intelligence (AI) and Machine Learning (ML) in intelligence gathering and surveillance, equipping participants with the knowledge and tools to analyze vast amounts of data, identify patterns, and support decision making in security and defense contexts. It covers fundamental AI and ML techniques alongside their applications in image recognition, natural language processing, anomaly detection, predictive analytics and real time surveillance systems.

WHO SHOULD ATTEND?

Security professionals, defense and intelligence practitioners, law enforcement personnel, data analysts, policymakers and technology enthusiasts who want to understand and apply AI-driven techniques in surveillance and intelligence operations. It is also suitable for researchers who are interested in obtaining an extensive knowledge on Artificial Intelligence.

COURSE OUTCOMES

Delegates will gain the skills and knowledge to:
- Understand core AI and ML concepts relevant to intelligence and surveillance.
- Apply ML algorithms to process and analyze structured and unstructured data.
- Leverage AI tools for real-time monitoring, threat detection, and predictive analysis.
- Assess ethical, legal, and privacy implications of AI in surveillance.
- Design and evaluate AI-enabled intelligence systems for practical security scenarios.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand:
- Comprehensive coverage of AI and ML foundations for surveillance and intelligence.
- Hands-on projects with real-world datasets and tools.
- Case studies from defense, law enforcement, and cybersecurity.
- Insights into emerging trends such as autonomous surveillance and deepfake detection.
- Balanced focus on technical skills, operational applications, and ethical frameworks.

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.
1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded