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AI-Powered Threat Detection and Public Safety Surveillance

COURSE OVERVIEW

This course dives into how artificial intelligence is transforming the way we keep communities safe. It explores how AI technologies can identify potential threats faster and more accurately by analyzing data from surveillance systems in real time. The course is a mirror into the future of security and is designed to assist participants understand the important role AI plays in protecting people and the communities in which they live in. Through practical examples and discussions, participants will learn about the latest tools, ethical considerations, and how to implement these solutions effectively in various public safety environments.

WHO SHOULD ATTEND?

This course is designed for individuals working in law enforcement, public safety, security, and intelligence fields. It's ideal for cybersecurity teams, intelligence analysts, AI practitioners, data scientists, and IT security professionals who want to leverage AI technologies to detect, analyze, and predict threats effectively. The course also benefits technical consultants, risk managers, and anyone responsible for integrating AI-driven solutions into security frameworks to enhance threat prevention and response in public safety environments.

COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Understand the core principles of AI and machine learning applied to surveillance.
- Design and evaluate AI-powered threat detection systems.
- Apply computer vision techniques for anomaly and behavior detection.
- Assess the ethical, legal, and privacy implications of AI-based surveillance.
- Explore real-world use cases and deployment strategies for public safety applications.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand:

- Comprehensive coverage of AI applications in security and surveillance.
- Practical exposure to computer vision and machine learning tools.
- Case studies from law enforcement, transportation hubs, and smart cities.
- Discussions on regulatory frameworks, privacy challenges, and responsible AI use.
- Guidance on future trends such as predictive policing, drone surveillance, and IoT integration.

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