



**SORINTEQ**

# ARTIFICIAL INTELLIGENCE IN DIGITAL INVESTIGATIONS

5-Day Intensive specialist  
training for Government and  
commercial sectors

- ✓ 5 Day Programme
- ✓ Specialist Training for Law Enforcement
- ✓ All Training Equipment Provided
- ✓ In Association With the University of Buckingham

**Contact Us**

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 [Sorinteq Academy](http://SorinteqAcademy)





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## Course Overview

Artificial Intelligence has rapidly become one of the most significant developments in the digital investigative landscape. While AI is now widely discussed and increasingly adopted, many investigators still do not fully understand how it can be effectively, safely, and professionally applied to support real-world investigations.

The Artificial Intelligence in Digital Investigations Course is a practical 5-day intensive programme designed for experienced digital investigators and researchers who want to exploit the capabilities of AI to enhance their investigative workflows.

The course focuses on how AI can support the research phase, analytical interpretation phase, and enhancement of investigative outputs, ensuring learners can use evolving technologies to improve efficiency, accuracy, and intelligence value. Rather than focusing only on current tools, the programme equips participants with the understanding needed to continually adapt and develop their capability as AI technologies rapidly evolve.

## Who is the course for?

This course is designed for experienced professionals working in digital investigation, intelligence, and analytical roles, including:

- Digital investigators and intelligence analysts
- Cyber security and cybercrime investigators
- OSINT practitioners and internet researchers
- Financial crime and fraud investigators
- Corporate intelligence and due diligence professionals
- Law enforcement and government investigators

Participants should already have experience in digital investigations, OSINT, or cyber-enabled investigative work.





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## Course Content

The course combines strategic understanding with practical, investigator-led application, including:

- Introduction to AI in Investigations
- Understanding AI technologies, capabilities, risks, and investigative relevance
- AI for Research and Intelligence Collection
- Improving online investigations, search capability, and intelligence gathering
- AI-Assisted Analysis and Interpretation
- Identifying patterns, trends, anomalies, and investigative opportunities
- Enhancement of Investigative Product
- Improving text analysis, image enhancement, audio clarification, and video interpretation
- Prompting and Structured AI Usage
- Developing effective techniques for consistent and defensible AI-supported outputs
- Automation and Workflow Development
- Integrating AI into investigative processes to improve scale and efficiency
- Validation, Evidential Standards, and Risk Management
- Understanding trust, verification, bias, and legal defensibility
- Future-Proofing Investigative Capability
- Developing strategies to remain effective as AI technologies evolve rapidly
- Case Studies and Practical Exercises
- Real-world investigative scenarios demonstrating AI-supported investigative success

### Final Exercise Phase

- Live Investigation Scenario
- Participants apply AI-supported techniques to a full digital investigation exercise
- Multi-Format Product Enhancement
- Working across text, imagery, and intelligence interpretation challenges
- Debrief and Analytical Review
- Structured feedback on methodology, decision-making, and evidential integrity





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## Aims and Objectives of the Course

By the end of the course, participants will be able to:

- Understand how AI can support and enhance digital investigations
- Apply AI-assisted techniques during the research and intelligence collection phase
- Use AI to improve analysis, interpretation, and investigative decision-making
- Enhance recovered product including text, images, audio, and video content
- Understand the strengths, limitations, and risks of AI-generated outputs
- Maintain evidential integrity and professional standards when using AI tools
- Identify opportunities for automation and workflow improvement
- Develop the capability to adapt to future AI advancements as technologies evolve

## Why Choose Sorinteq

Sorinteq delivers university-accredited, practitioner-led training trusted by Government and commercial organisations. Our Artificial Intelligence in Digital Investigations course provides practical, operationally relevant capability, enabling investigators to confidently integrate AI into their workflows while maintaining professional standards, evidential integrity, and investigative effectiveness.

Students undertaking courses provided by Sorinteq may earn credits towards formal academic qualifications such as Post Graduate Certificate, Diploma or MSc at the university of Buckingham.

For further enquiries please email [info@sorinteq.com](mailto:info@sorinteq.com) or call Sorinteq on +44 (0)333 0063248.

Sorinteq provide all necessary training equipment including laptop computers, internet connectivity, mobile devices and training material.

