

An up-to-date exploration of how AI is transforming cybersecurity

The AI Cybersecurity Handbook explores how artificial intelligence has transformed the way cyberattacks are carried out and how technology professionals prepare for and defend against them.

On the offensive side, learn how AI is being used to automate, accelerate, and personalize attacks against targets. You'll discover how these technologies make cyberattacks cheaper to carry out, harder to detect, and easier to automate at scale—broadening the impact beyond initial targets to include partners, third parties, and critical connected systems.

For defenders, this book demonstrates how to use AI to evolve past traditional, rules-based cybersecurity defense to an adaptive model that evolves in real-time to counteract emergent risks and novel attack vectors. These new systems rely on continuously updated data inputs and form resilient bulwarks against formidable threats.



The AI Cybersecurity Handbook

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WHAT'S INSIDE THE BOOK?

- Hands-on strategies for minimizing operational barriers to AI implementation to enable new capabilities for defenders and allow for the use of powerful tools, like smart data enrichment, AI-powered query engines, and self-initiating security actions.
- Up-to-date discussions of how to use AI to accelerate your cybersecurity responses while improving their accuracy, including anomaly detection, threat identification, and dynamic mitigation processes.
- Expert advice for building resilient AI-enabled cybersecurity without compromising on AI ethics.

Perfect for cybersecurity professionals, IT managers, developers and business leaders looking for actionable guidance on the integration of AI into their IT security practices, *The AI Cybersecurity Handbook* offers accessible strategies well-suited to people with varying levels of technical expertise.



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