

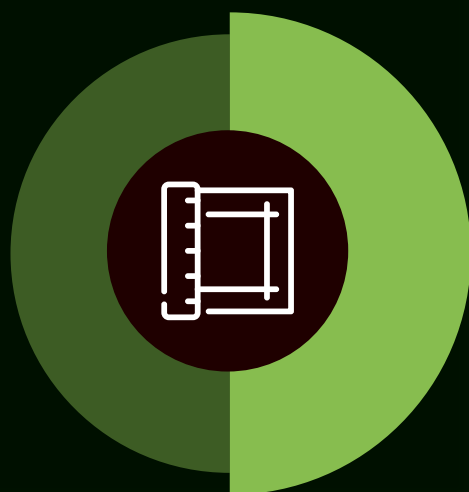
SANS 2025 AI SURVEY

Key Findings

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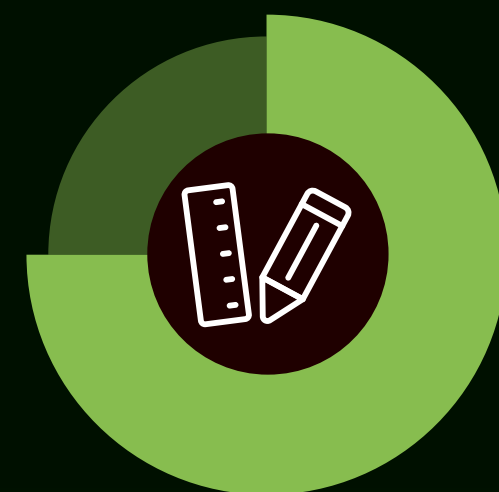
Security Is Lagging Behind Advancements in the AI Industry

Only half of the respondents who say their organization is currently using AI are using it for cybersecurity tasks.



Incident Response Teams Are Heavily Pursuing AI

75% believe AI will complement existing tools like SIEM, SOAR, and EDR over the next three years.



Robust Implementation Is Limited

Only **33%** use AI for investigating incidents.



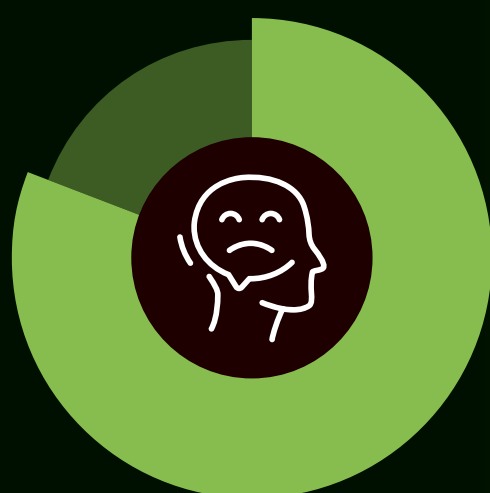
False Positives Are Overwhelming Analysts

The majority want to see fewer false positives in their reports and alerts. **66%** report that AI systems/agents generate many false positives, leading to alert fatigue.



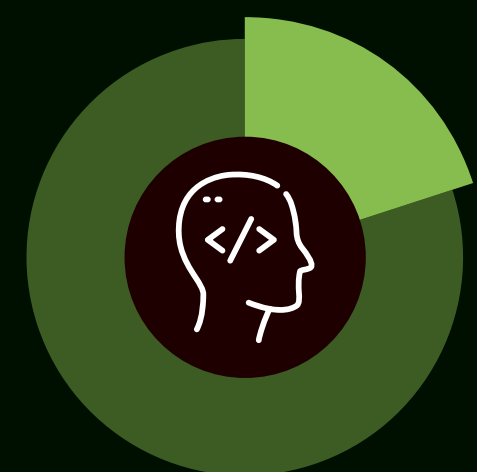
AI Attacks Are Feared More Than Defenses Are Used

Although AI is sparingly adopted by security teams, **81%** are concerned about emerging AI-powered threats.



Security Teams Are Not Involved Enough

Only 20% of respondents have limited involvement in governing generative AI (GenAI).



More Training Is Needed

51% say AI has affected security team training; **65%** emphasized the need for more specialized AI/cybersecurity courses; **64%** stressed the importance of continuous learning.

Respondents Are Optimistic AI Will Not Take Their Jobs

67% anticipate growing demand for professionals with AI and cybersecurity expertise in the next three years.

