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(57) Abstract :
 An AI-driven anomaly prediction system (101) is disclosed comprising a predictive engine (102), decentralized data nodes (104), a contextual risk scorer (105), and a neutralization module (103). The system predicts cybersecurity threats preemptively by real-time analysis of behavioral data, dynamically scoring threats, and autonomously initiating containment actions. Continuous feedback refines model accuracy, providing proactive threat management for modern digital environments.

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