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(57) Abstract :
The present disclosure relates to a system and method for elevating cyber threat intelligence involve a data collection module (101) for amassing and anonymizing threat data from diverse origins, including network logs and intrusion detection systems. A machine learning module (102) applies sophisticated algorithms to analyze the data, identifying potential cyber threats. The affectedness scoring engine module (103) evaluates and assigns numerical scores to each threat, indicating its severity. The user interface module (104) offers visual representations of these scores, utilizing graphical elements to facilitate interpretation by professionals. The integration module (105) ensures real-time synchronization with existing cybersecurity mechanisms, enhancing the rapid response to threats. The method emphasizes efficient data collection, comprehensive analysis, intuitive presentation, and seamless integration, ensuring robust threat detection and response while maintaining privacy and regulatory standards.

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