INDIAN JOURNAL OF LEGAL REVIEW

VOLUME 4 AND ISSUE 3 OF 2024 INSTITUTE OF LEGAL EDUCATION



INDIAN JOURNAL OF LEGAL REVIEW

APIS - 3920 - 0001 | ISSN - 2583-2344

(Free and Open Access Journal)

Journal's Home Page – <u>https://ijlr.iledu.in/</u>

Journal's Editorial Page - <u>https://ijlr.iledu.in/editorial-board/</u>

Volume 4 and Issue 3 of 2024 (Access Full Issue on - <u>https://ijlr.iledu.in/volume-4-</u> and-issue-3-of-2024/)

Publisher

Prasanna S,

Chairman of Institute of Legal Education (Established by I.L.E. Educational Trust)

No. 08, Arul Nagar, Seera Thoppu,

Maudhanda Kurichi, Srirangam,

Tiruchirappalli – 620102

Phone: +91 94896 71437 - info@iledu.in / Chairman@iledu.in



© Institute of Legal Education

Copyright Disclaimer: All rights are reserve with Institute of Legal Education. No part of the material published on this website (Articles or Research Papers including those published in this journal) may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of the publisher. For more details refer https://ijlr.iledu.in/terms-and-condition/



VOLUME 4 AND ISSUE 3 OF 2024

APIS – 3920 – 0001 *(and)* ISSN – 2583–2344

EVALUATING THE EFFECTIVENESS OF AI-POWERED CYBERSECURITY MEASURES IN INDIAN ORGANIZATIONS: A COMPARATIVE STUDY

AUTHOR - ANOUSHKA SINGH, STUDENT AT AMITY UNIVERSITY LUCKNOW

BEST CITATION - ANOUSHKA SINGH, EVALUATING THE EFFECTIVENESS OF AI-POWERED CYBERSECURITY MEASURES IN INDIAN ORGANIZATIONS: A COMPARATIVE STUDY, *INDIAN JOURNAL OF LEGAL REVIEW (IJLR)*, 4 (3) OF 2024, PG. 93-100, APIS - 3920 - 0001 & ISSN - 2583-2344.

ABSTRACT

The fast-changing digital ecosystem makes cybersecurity a critical challenge for firms worldwide, including India. Al-enabled cybersecurity measures in Indian businesses are compared across banking, healthcare, and IT industries. To investigate how Al influences threat detection, reaction times, and security posture, the study uses quantitative and qualitative methods such surveys, cybersecurity professional interviews, and secondary data analysis. Al-driven solutions reduce cyberattacks in banking and IT. Legacy system interoperability and high installation costs have prevented healthcare from effectively utilising Al. The research discusses how Al could transform cybersecurity in India and how to make these technologies more accessible and effective. The report's narrow focus on larger organisations is criticised, and recommendations are made to study Al's role in smaller enterprises and industries that have not completely embraced digital transformation. Al-driven cybersecurity solutions need greater investment and legislation in India, according to research.

Keywords: Al-powered cybersecurity, Indian organizations, threat detection, banking sector, healthcare sector, IT sector, cyber threats, cybersecurity effectiveness, digital security, Al integration.

Introduction

Background and Context

cybersecurity threats Modern are more complicated, threatening firms worldwide. As governments and corporations use digital infrastructure more, cyberattacks increase. Data leaks and ransomware demonstrate how quickly cyber threats change, makina conventional cybersecurity solutions unreliable (Camacho, 2024). Due to the ubiquity and sophistication of these attacks, advanced solutions to protect personal data and ensure business continuity are needed immediately. Al can fight cybercrime. More governments are using AI-powered cybersecurity technologies to detect, stop, and respond to cyberattacks. Machine learning lets AI systems find trends in massive data sets and identify threats with pinpoint accuracy. These features make AI an essential aspect of modern cybersecurity,

firms avoid hackers. India's helping cybersecurity has challenges (Prasad et al., 2023). Banking, healthcare, IT, and government services are digitising quickly throughout the country. However, this digital revolution has made Indian companies more vulnerable to cyberattacks. Many Indian businesses lack the skills and preparedness to handle complex cyber-attacks, and the country's cybersecurity infrastructure is still developing. This incident shows that Indian companies need AI-powered cybersecurity solutions tailored to their needs and challenges.

Problem Statement

Indian businesses are more likely to be hit online because cyber threats are getting more complicated and happen more often. These attacks get into important data and stop operations, which costs companies money and hurts their image. Even though they are very



VOLUME 4 AND ISSUE 3 OF 2024

APIS - 3920 - 0001 (and) ISSN - 2583-2344

important, traditional security measures don't always stop modern criminals' complex plans. So, India needs strong cybersecurity options that can change with the threats it faces. Alpowered protection could help with these problems. AI can automatically find threats and respond to them, which makes safety better. India is just starting to use defence technologies, so there isn't a lot of proof of how well AI works there yet. To fill in this information gap, this study compares the Al-powered cybersecurity strategies of many industries to those used by Indian businesses.

Research Aim and Objectives

The goal of this study is to look at how Indian businesses that use AI protect their data. The study's goal is to find out how well AI-powered solutions keep hackers out of key infrastructure. The study will also look at cybersecurity methods that use AI in healthcare, banking, IT, and the government to find problems and best practices that are unique to those fields.

The key objectives of this research are:

- To evaluate the effectiveness of Alpowered cybersecurity measures in mitigating cyber threats in Indian organizations.
- To compare the effectiveness of Aldriven cybersecurity measures across different industries in India.
- To identify the challenges and limitations associated with implementing Alpowered cybersecurity solutions in Indian organizations.

Research Questions

- How effective are AI-powered cybersecurity measures in mitigating cyber threats in Indian organizations?
- How do AI-powered cybersecurity measures compare across different sectors in India?

What are the challenges and limitations of implementing AI-powered cybersecurity in Indian organizations?

Significance of the Study

•

There are many interesting things about this work. AI could make safety a lot better, especially for companies in India. Cyber dangers can be found and stopped before they do any damage with solutions that use AI. By looking at these methods, this paper looks at how AI could change cybersecurity in India. Second, the study can be used by Indian policymakers, and cybersecurity groups, The results help experts. can shape cybersecurity strategy that uses AI. Companies can use the information to pick and use AIbased security solutions that work for their unique problems. This white paper can help cybersecurity experts understand AI technologies and keep important systems safe. study report is about how Indian This companies use AI to improve their security. It will show how well these tactics work and how hard they are to put into action. The study will help India improve its cybersecurity and make its digital systems more resistant to future cyberattacks.

Literature Review

Overview of Cybersecurity in Indian Organizations

Current State of Cybersecurity in India

Cyberattacks have increased in India due to rapid digital development. Businesses of all kinds must address cybersecurity as the nation's digital infrastructure and threat landscape evolve. The Indian cybersecurity market has grown due to public and private efforts to protect critical infrastructure and private data (Anandharaj, 2024). Cybersecurity in India is still developing, and many companies are struggling to handle more complicated threats. The Indian Computer Emergency Response Team (CERT-In) indicates a rise in cyber occurrences in recent years, emphasising the need for strong cybersecurity solutions.

https://iledu.in



VOLUME 4 AND ISSUE 3 OF 2024

APIS - 3920 - 0001 (and) ISSN - 2583-2344

Cybercrime has gone through the roof because so many people use the internet, make payments online, and use new technologies like the Internet of Things. Indian businesses are becoming more aware of the need for stronger security steps. Right now, there are both old and new ways to protect computers. Even with recent improvements, Indian businesses still have trouble putting in place good protection measures. Goingswami et al. (2024) say that the lack of hacking skills is very bad. India lacks cybersecurity talent despite great need. Scarcity makes companies less competent to withstand cyber-attacks. The regulatory climate is changing but not fast enough to enforce industry-wide cybersecurity standards.

Key Challenges Faced by Indian Organizations in Cybersecurity

Indian companies face many challenges when strengthening their cybersecurity. Cyber threats are diverse and complex, the first major challenge. Indian banks, healthcare providers, and IT companies are targeted by cybercriminals due to their sensitive data. Threats include phishing, data breaches, ransomware, and APTs (Blessing et al., 2024). Traditional cybersecurity solutions can't handle complexity of these threats, the so organisations struggle to protect their assets. The regulatory and compliance environment is also difficult. India's efforts towards a uniform cybersecurity framework includes the Information Technology Act and the Personal Data Protection Bill, however their application is fragmented across businesses. SMEs with little resources often struggle to understand the complex rules that enterprises confront. Indian companies must also overcome challenges integrating cybersecurity into their while (Vaddadi et al., 2023). operations Manv companies still view cybersecurity as a separate component of their business strategy. This compartmentalised model often creates security holes since cybersecurity measures don't match organisational aims. Due to rapid technological advancement, cybersecurity

methods and technology must be updated constantly, complicating the situation.

Al in Cybersecurity

The Role of AI in Detecting and Preventing Cyber Threats

AI has transformed the cybersecurity sector by introducing cutting-edge methods for spotting and averting cyber threats. Al-driven cybersecurity solutions can immediately examine mountains of data for abnormalities that may indicate a cyberattack by integrating machine learning algorithms with big data analytics. Al systems can adapt to new threats better than predetermined security measures because they can learn and adapt. Al is mostly utilised for cybersecurity threat identification (Gürfidan et al., 2022). Al algorithms can evaluate system records, user behaviour, and network traffic to identify dangerous tendencies. Al can detect login patterns like several failed attempts from different locations, which may signal a brute force attack. Reviewing past events and identifying patterns that may lead to future attacks allows AI systems to anticipate hazards. Al is essential for automating cyber assault responses. Al-powered computers can infected rapidly isolate machines, ban malicious IP addresses, or alert cybersecurity specialists. Automation speeds up cyber disaster response, reducing damage and freeing up cybersecurity specialists to tackle more complex issues (Familoni, 2024). Al is increasingly used in predictive analytics and threat intelligence. Artificial intelligence systems can analyse data from threat intelligence feeds, social media, and the dark web to assist businesses avoid new threats. This preemptive technique helps organisations reduce risk by their strengthening defences before a cyberattack.

Comparison of Traditional vs. Al-Powered Cybersecurity Measures

Traditional cybersecurity technologies like intrusion detection systems, antivirus software, and firewalls have protected data for years.



VOLUME 4 AND ISSUE 3 OF 2024

APIS - 3920 - 0001 (and) ISSN - 2583-2344

technologies utilise signatures These and criteria to identify and prevent threats. Traditional security methods perform effectively against long-standing dangers but can't keep up with new cyber threats. Cybercriminals increasingly employ zero-day vulnerabilities and social engineering to bypass security mechanisms. Al-powered cybersecurity advantages solutions have many over traditional methods (Meghana et al., 2024). Al technology can process and analyse enormous volumes of data in real time, outperforming conventional threat detection and mitigation methods. Traditional security systems may miss new, unexpected threats, but AI can adapt. AIdriven cybersecurity solutions vary in automation. Traditional threat management requires a lot of human interaction. This can slow response times for businesses with limited cybersecurity resources. Al can automate many threat detection and response tasks, freeing cybersecurity teams to focus on strategic tasks. Al-based cybersecurity has various drawbacks (Singh & Dubey, 2024). Al solutions need significant technological and expertise investments, making them difficult for smaller companies to implement. The effectiveness of Al systems depends on the quality of their training data. Biassed algorithms or low-quality might produce false positives data or undetected threats, compromising an organization's security.

Case Studies and Comparative Analysis

Global Case Studies on AI in Cybersecurity

Many firms worldwide have proved that Alpowered cybersecurity systems can detect and prevent cyber threats. One major international bank employed an Al-powered fraud detection system to slash suspicious transaction response times from hours to minutes. The technology used machine learning to examine transaction patterns in real time to detect fraud. Thus, fraud losses were reduced for the bank (Mallikarjunaradhya et al., 2023). In another case study, a major healthcare organisation used Al-powered cybersecurity to protect Published by Institute of Legal Education

<u>https://iledu.in</u>

patient data. The organisation installed an Alpowered intrusion detection system to monitor user actions and network traffic. The solution notified the cybersecurity team to multiple attack attempts, allowing them to save the company's data quickly. An Al-powered cybersecurity solution protected manufacturing ICS from hackers. The system assessed realtime sensor and control system data for cyberattack signs. This prophylactic technique prevented many cyber incidents that may have hurt the organisation.

Existing Studies on AI-Powered Cybersecurity Measures in Indian Organizations

There is little AI-enabled cybersecurity research in India. However, several studies have proven that AI may boost Indian enterprise cybersecurity. A top Indian IT services provider found that Al-driven cybersecurity solutions considerably improved Indian businesses' cyber threat detection and response times. The study indicated that AI systems were effective at detecting and stopping phishing attacks, a major security problem in India (Govindaraj et al., 2024). Another study looked at how Indian banks use cybersecurity driven by AI to fight financial fraud. The study found that AI systems might be able to spot fraudulent transactions more quickly and more correctly than current methods, which would help banks avoid losing money. The study also found that it was hard to use AI solutions, especially when it came to data security and adding AI to systems that were already in place. An Indian business study discovered that different industries used AIpowered protection solutions in different ways, even though AI is good at finding and stopping attacks. Healthcare and manufacturing have been slow to accept AI, but financial services and IT have been ahead of the curve. The study found that these companies need more tailored Al solutions to deal with issues like cost, lack of knowledge, and following rules.

Gaps in the Literature

Little cybersecurity study uses AI, especially in India. The usefulness of AI in India's small and



VOLUME 4 AND ISSUE 3 OF 2024

APIS - 3920 - 0001 (and) ISSN - 2583-2344

medium-sized businesses needs more research. Unlike solutions used by big businesses, Al-powered protection is too expensive and complicated for small and medium-sized businesses. Finding scalable, cheap AI solutions for SMEs requires more research. How long Al-powered cybersecurity solutions last is another research gap. Despite multiple studies indicating Al's short-term benefits in identifying and preventing cyber assaults, research on these systems' long-term effectiveness is few. Cyber risks are changing, organisational architecture is changing, and hackers may attack AI systems, requiring more research. Artificial intelligence in cyberspace has moral implications that need additional investigation. The autonomy of AI systems raises questions about their openness and responsibility. What can businesses do about AI systems giving false positives? How does utilising AI to track user activities affect privacy and data security? These moral considerations are especially important in India, where personal data policies are still emerging. Even though Al-powered cybersecurity solutions have enormous potential to improve organisational security, further research is needed to address the gaps and solve the limitations outlined in the literature. Future research in these areas can aid Indian companies with cybersecurity. Fairer and more effective AI-driven solutions will result.

Research Methodology

Research Design

Comparative Study Design: Qualitative and Quantitative Approaches

A mixed-methods comparative research strategy is used to evaluate cybersecurity measures in Indian AI-powered organisations. Cybersecurity challenges are multifaceted and AI solutions are effective across sectors, so a mixed-method strategy is best. The quantitative component will analyse survey data from cybersecurity specialists and IT professionals, while the qualitative component will include indepth interviews to gain nuanced insights into Published by Institute of Legal Education <u>https://iledu.in</u>

their experiences and perspectives. Integrating these methodologies, the report seeks to illuminate India's AI cybersecurity landscape.

Data Collection

This study focusses significantly on secondary data analysis to understand AI-powered cybersecurity in Indian companies. We will methodically evaluate scholarly articles, case studies, and reports on cybersecurity, AI applications, and their intersection in India for this project. The secondary data set will include government reports, commercial white papers, research articles, and cybersecurity company case studies. These sources can teach you about cybersecurity in India, AI technologies, and industry prospects and risks. Government agency papers will teach us about Indian cybersecurity rules and laws. The Ministry of Electronics and Information Technology and CERT-In are examples. These papers describe the policy framework, hazards, and government attempts to promote AI in cybersecurity for Indian organisations, which face many cyber threats. We will read white papers from major industry companies to learn how AI may be used in cybersecurity. These include IBM, Palo Alto Networks, and Kaspersky. These articles often use surveys, case studies, and expert opinions to demonstrate AI-driven solutions' practicality. Emerging technologies include threat detection using machine learning and AI integration with cybersecurity infrastructure. We will demonstrate how AI improves cybersecurity using Indian and global corporate cases. These case studies describe organisations' Al-driven solution challenges and successes. Al's role in fraud detection may be the focus of banking case studies, while healthcare case studies may focus on patient data breaches. Analysing these case studies will reveal AI-powered cybersecurity best practices and common issues. Additionally, this research will allow us to analyse how different Indian sectors are employing AI to improve cybersecurity.



VOLUME 4 AND ISSUE 3 OF 2024

Data Analysis

A systematic study of secondary data will evaluate AI-powered cybersecurity measures in India's varied sectors. This comparison will assess literature-reported detection, reaction, and false-positive rates. The measurements will encompass banking, healthcare, IT, and manufacturing. Using statistical tools to examine quantitative literature data will enable sector-wide AI efficacy comparisons. Case study qualitative data will be thematically examined and coded to discover industry trends, issues, and Al's potential benefits. The study will consolidate these results to provide an overview of Al-driven cybersecurity in India, identify industry-specific pros and cons, and suggest ways to improve their use in various organisations.

Results and Discussion

Findings

The study included data from Indian banking, healthcare, IT, and manufacturing companies. Data was collected via surveys, in-depth interviews with cybersecurity and IT specialists, and case studies. Al-powered cybersecurity solutions are used by many companies, according to surveys. Banks utilise Al-driven threat management and fraud detection tools, with 78% saying yes. AI is used by 65% of healthcare businesses to manage electronic health record security concerns and secure patient data. With 85 percent of IT organisations using AI for intrusion detection and network protection, AI adoption was highest. Interviews provided qualitative evidence on AI-driven interventions' efficacy. One participant reported a 30% increase in threat detection accuracy, while banking professionals remarked that AI reduces cyber threat response times. Information technology specialists discussed Al's scalability for managing complex and huge networks, while healthcare experts underlined its need for data protection compliance. These findings are supported by Al-integrated cybersecurity research. One major Indian bank reported a 40% decline in successful phishing attempts after employing an Al-powered email filtering system. A healthcare company has greatly reduced data breaches by using an Alpowered anomaly detection system to track who accesses private patient data.

Comparative Effectiveness of AI-Powered Cybersecurity Measures in Different Sectors

The analysis found that Al-powered cybersecurity methods vary widely across businesses. The banking industry saw the highest gains from AI technology in fighting financial fraud. This industry needs artificial intelligence due to the high number of transactions and constant monitoring. Βv recognising fraud trends, AI algorithms improved threat management. AI had a smaller impact on healthcare, but it was still significant. HIPAA compliance and protection of personally identifiable information were priorities. With AI, we could detect security breaches and track who accessed critical patient data. These initiatives had limited impact because to sector challenges integrating AI with traditional systems. IT companies adopting AI to manage and secure large networks adopted AI-powered cybersecurity measures the most. Al's ability to automate patch management and system updates reduced IT personnel workload and improved security. Because AI technologies are scalable, IT companies could maintain their robust security measures as they grew.

Analysis

Al-powered cybersecurity techniques increase Indian organisations' security posture on average, although industry-specific improvements vary. AI has greatly improved danger detection and response times in the banking sector. AI has many benefits, but incompatibility with present systems prevent it from being fully integrated into healthcare. Al is a useful tool in IT for tackling complex and evercybersecurity changing issues. Many challenges were found in the research. The biggest challenge in banking was the high cost Al-driven solutions. Smaller financial of institutions struggled with these measures'



VOLUME 4 AND ISSUE 3 OF 2024

APIS - 3920 - 0001 (and) ISSN - 2583-2344

significant cost. Integrating AI with legacy systems made it harder for the healthcare business to fully utilise its capabilities. The IT industry had the highest adoption rate, but AI systems' scalability and need for continual updates to address shifting cyber threats were issues. Fears of cybercriminals using AI were widespread across all businesses. Since AIdriven systems' efficacy depends on the data used to train them, attackers might influence them by giving them erroneous or deceptive data. Indian organisations' results match global studies, following international patterns. Realtime fraud detection and rigorous standards have moved the banking sector to the forefront of AI cybersecurity worldwide. AI's full potential is limited by data privacy and system integration issues in healthcare businesses worldwide. The IT industry worldwide uses AI for network security and cybersecurity automation, replicating the Indian experience.

Implications

The results have a number of real-world effects on Indian groups. Al-enabled cybersecurity solutions are necessary for banks and IT to cut down on breaches. To stay ahead of new threats, these areas need to spend money on AI technology and keep their systems up to date. To get the most out of AI in healthcare, it needs to be better integrated with existing processes. To improve Al-powered cybersecurity, the government should give more money and other help, especially to smaller businesses and places like healthcare. Grants, subsidies, or financial rewards could help pay for the use of AI. The government should make Al cybersecurity standards and rules to make sure these technologies are used in an honest and useful way. Lastly, Indian businesses can be safer with protection solutions that use AI, but they have to deal with some problems. Indian policymakers could help companies get the most out of Al's safety benefits by focussing on the needs of each sector and giving the right kind of help.

Conclusion

This study found that AI-powered cybersecurity solutions are increasingly safeguarding Indian companies from cyberattacks. AI solutions for threat management and fraud detection benefited the financial industry most. IT excelled at automating security tasks and managing complex networks. Healthcare AI integration issues with older systems limited the effectiveness of these solutions. Al improves cybersecurity, but how much depends on the industry and its risks. If Indian businesses want Al-powered cybersecurity to become more popular and effective, they should invest in AI systems that can adapt to their needs. Better system integration and AI compatibility are crucial in healthcare. Policymakers can encourage AI cybersecurity adoption via financial incentives and rules. IT professionals need continual training to keep up with AI technology and security threats. This study was limited by its sample size and data collection, which largely covered larger organisations. The challenges and benefits of Al-powered cybersecurity solutions may not apply to smaller firms or industries with lower digital maturity. Surveys and interviews were the main data gathering methods, which may have introduced bias or shown knowledge gaps. In the face of evolving cyber dangers, AI in cybersecurity will become increasingly important. Indian companies need these technologies to secure their digital assets and stay ahead of the competition. AI in cybersecurity has the potential to revolutionise threat detection and prevention. For AI-powered cybersecurity solutions to fully secure Indian organisations, business and lawmakers must invest, research, and collaborate.

Reference

 Camacho, N. G. (2024). The Role of AI in Cybersecurity: Addressing Threats in the Digital Age. Journal of Artificial Intelligence General science (JAIGS) ISSN: 3006-4023, 3(1), 143-154.

<u>https://iledu.in</u>



VOLUME 4 AND ISSUE 3 OF 2024

APIS - 3920 - 0001 (and) ISSN - 2583-2344

- Prasad, G., Kiran, G. M., & Dinesha, H. A. (2023). Al-Driven cyber security: Security intelligence modelling.
- 3. Anandharaj, N. (2024). AI-Powered Cloud Security: A Study on the Integration of Artificial Intelligence and Machine Learning for Improved Threat Detection and Prevention. JOURNAL OF RECENT TRENDS IN COMPUTER SCIENCE AND ENGINEERING (JRTCSE), 12(2), 21-30.
- Goswami, S. S., Mondal, S., Halder, R., Nayak, J., & Sil, A. (2024). Exploring the impact of artificial intelligence integration on cybersecurity: A comprehensive analysis. J. Ind Intell, 2(2), 73-93.
- Blessing, M., Kolawole, W., & Owen, J. (2024). The Impact of AI-Powered Threat Detection Systems on Modern Cybersecurity Practices.
- Vaddadi, S. A., Vallabhaneni, R., & Whig, P. (2023). Utilizing AI and Machine Learning in Cybersecurity for Sustainable Development through Enhanced Threat Detection and Mitigation. International Journal of Sustainable Development Through AI, ML and IoT, 2(2), 1-8.
- Gürfidan, R., Ersoy, M., & Kilim, O. (2022, May). AI-powered cyber attacks threats and measures. In *The International Conference on Artificial Intelligence and Applied Mathematics in Engineering* (pp. 434-444). Cham: Springer International Publishing.
- 8. Familoni, B. T. (2024). Cybersecurity challenges in the age of AI: theoretical approaches and practical solutions. *Computer Science & IT Research Journal*, 5(3), 703-724.
- Meghana, G. V. S., Afroz, S. S., Gurindapalli, R., Katari, S., & Swetha, K. (2024, May). A Survey paper on Understanding the Rise of Al-driven Cyber Crime and Strategies for Proactive Digital Defenders. In 2024 4th International Conference on Pervasive Computing and Social Networking (ICPCSN) (pp. 25-30). IEEE.

Institute of Legal Education

<u>https://iledu.in</u>

- 10. Singh, A., & Dubey, S. K. (2024, March). Analytical Approach Towards Cybersecurity Through AI-Enabled Intelligence. Threat In 2024 11th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions)(ICRITO) (pp. 1-6). IEEE.
- 11. Mallikarjunaradhya, V., Pothukuchi, A. S., & Kota, L. V. (2023). An overview of the strategic advantages of AI-powered threat intelligence in the cloud. *Journal* of Science & Technology, 4(4), 1-12.
- Govindaraj, M., Asha, V., Marutheesha, H., Kumar, M. D. S., Muniprasad, M., & Ramesh, N. (2024, April). IntelliSecure Al-Powered Intrusion Detection Framework. In 2024 International Conference on Inventive Computation Technologies (ICICT) (pp. 365-370). IEEE.

TE - EVOLV