

Daftar Pustaka

- [1] O. N. Elayan and A. M. Mustafa, "Android Malware Detection Using Deep Learning," *Procedia Comput. Sci.*, vol. 184, pp. 847–852, Jan. 2021, doi: 10.1016/j.procs.2021.03.106.
- [2] M. R. Rawadi H, P. Sukarno and A. A. Wardana, "Performance Analysis of Deep Neural Decision Forest with Extratrees Feature Selection for Obfuscated Malware Detection," 2024 IEEE 3rd International Conference on Computing and Machine Intelligence (ICMI), Mt Pleasant, MI, USA, 2024, pp. 1-5, doi: 10.1109/ICMI60790.2024.10586174.
- [3] Utama, R., Sukarno, P. & Jadied, E. Analysis and Classification of Danger Level in Android Applications Using Naive Bayes Algorithm. *2018 6th International Conference On Information And Communication Technology (ICOICT)*. pp. 281-285 (2018)
- [4] Z. Z. Jundi and H. Alyasiri, "Android Malware Detection Based on Grammatical Evaluation Algorithm and XGBoost," in 2023 Al-Sadiq International Conference on Communication and Information Technology (AICCIT), Al-Muthana, Iraq: IEEE, Jul. 2023, pp. 70–75. doi: 10.1109/AICCIT57614.2023.10217965.
- [5] Wardana, Aulia Arif, Parman Sukarno, and Muhammad Salman. 2024. "Collaborative Botnet Detection in Heterogeneous Devices of Internet of Things using Federated Deep Learning." In *Proceedings of the ACM Conference*, ISBN 9798400708329. New York, NY, USA: Association for Computing Machinery. <https://doi.org/10.1145/3651781.3651825>.
- [6] Al'aziz, B., Sukarno, P. & Wardana, A. Blacklisted IP distribution system to handle DDoS attacks on IPS Snort based on Blockchain. *2020 6th Information Technology International Seminar (ITIS)*. pp. 41- 45 (2020)
- [7] R. Islam, M. I. Sayed, S. Saha, M. J. Hossain, and M. A. Masud, "Android malware classification using optimum feature selection and ensemble machine learning," *Internet Things Cyber-Phys. Syst.*, vol. 3, pp. 100–111, 2023, doi: 10.1016/j.iotcps.2023.03.001.
- [8] J. Li et al., "Feature Selection: A Data Perspective," *ACM Comput. Surv.*, vol. 50, no. 6, pp. 1–45, Nov. 2018, doi: 10.1145/3136625.
- [9] H. Braganc,a, V. Rocha, E. Souto, D. Kreutz, and E. Feitosa, "Explaining the Effectiveness of Machine Learning in Malware Detection: Insights from Explainable AI," in *Anais do XXIII Simpósio Brasileiro de Segurança da Informação e de Sistemas Computacionais (SBSEG 2023)*, Brasil: Sociedade Brasileira de Computação - SBC, Sep. 2023, pp. 181–194. doi: 10.5753/sbseg.2023.233595.
- [10] S. MahdaviFar, A. F. Abdul Kadir, R. Fatemi, D. Alhadidi, and A. A. Ghorbani, "Dynamic Android Malware Category Classification using Semi-Supervised Deep Learning," in 2020 IEEE Intl Conf on Dependable, Autonomic and Secure Computing, Intl Conf on Pervasive Intelligence and Computing, Intl Conf on Cloud and Big Data Computing, Intl Conf on Cyber Science and Technology Congress (DASC/PiCom/CBDCoM/CyberSciTech49142.2020.00094.
- [11] N. Sharma and A. L. Sangal, "Machine Learning Approaches for Analysing Static features in Android Malware Detection," in 2023 Third International Conference on Secure Cyber Computing and Communication (ICSCCC), Jalandhar, India: IEEE, May 2023, pp. 93–96. doi: 10.1109/ICSCCC58608.2023.10176445.
- [12] N. Xie, Z. Qin, and X. Di, "GA-StackingMD: Android Malware Detection Method Based on Genetic Algorithm Optimized Stacking," *Appl. Sci.*, vol. 13, no. 4, p. 2629, Feb. 2023, doi: 10.3390/app13042629.
- [13] M. Sewak, S. K. Sahay, and H. Rathore, "Comparison of Deep Learning and the Classical Machine Learning Algorithm for the Malware Detection," in 2018 19th IEEE/ACIS International Conference on Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing (SNPD), Busan: IEEE, Jun. 2018, pp. 293–296. doi: 10.1109/SNPD.2018.8441123.
- [14] Y. Liu, C. Tantithamthavorn, L. Li, and Y. Liu, "Are Android Malware Detection: Towards Understanding Why the Models Perform So Well?," in 2022 IEEE 33rd International Symposium on Software Reliability Engineering (ISSRE), Charlotte, NC, USA: IEEE, Oct. 2022, pp. 169–180. doi: 10.1109/ISSRE55969.2022.00026.
- [15] L. Breiman, "Random Forests," *Mach. Learn.*, vol. 45, no. 1, pp. 5–32, Oct. 2001, doi: 10.1023/A:1010933404324.
- [16] S. J. Rigatti, "Random Forest," *J. Insur. Med.*, vol. 47, no. 1, pp. 31–39, Jan. 2017, doi: 10.17849/insm-47-01-31-39.1.
- [17] D. Koccev, M. Ceci, and T. Stepis`nik, "Ensembles of extremely randomized predictive clustering trees for predicting structured outputs," *Mach. Learn.*, vol. 109, no. 11, pp. 2213–2241, Nov. 2020, doi: 10.1007/s10994-020-05894-4.
- [18] E. Eslami, A. K. Salman, Y. Choi, A. Sayeed, and Y. Lops, "A data ensemble approach for real-time air quality forecasting using extremely randomized trees and deep neural networks," *Neural Comput. Appl.*, vol. 32, no. 11, pp. 7563–7579, Jun. 2020, doi: 10.1007/s00521-019-04287-6.
- [19] Ke, G., Meng, Q., Finley, T., Wang, T., Chen, W., Ma, W., Ye, Q., & Liu, T.-Y. (2017). GBM: A highly efficient gradient boosting decision tree. In *Proceedings of the 31st International Conference on Neural Information Processing Systems* (pp. 3149-3157). Curran Associates Inc. <https://doi.org/10.5555/3294996.3295074>
- [20] S. Lundberg and S.-I. Lee, "A Unified Approach to Interpreting Model Predictions." *arXiv*, Nov. 24, 2017. Accessed: May 18, 2024. [Online]. Available: <http://arxiv.org/abs/1705.07874>.