

DAFTAR PUSTAKA

- Ahmad, Z., Shahid Khan, A., Shiang, C., & Ahmad, F. (2021). Network intrusion detection system: A systematic study of machine learning and deep learning approaches. *Transactions on Emerging Telecommunications Technologies*, 32. <https://doi.org/10.1002/ett.4150>
- Astudillo, D., Riofrio, X., Tello Oquendo, L., & Merchan-Lima, J. (2021). *Zero-day attack: Deployment and evolution*. VIII, 38–53. https://www.researchgate.net/publication/352089088_Zero-day_attack_Deployment_and_evolution
- Géron, A. (2019). *Hands-On Machine Learning with Scikit-Learn, Keras, and TensorFlow* (Tache Nicole, Ed.; 2 ed.). O'Reilly Media, Inc.
- Berrar, D. (2019). Cross-Validation. Dalam *Encyclopedia of Bioinformatics and Computational Biology* (hlm. 542–545). Elsevier. <https://doi.org/10.1016/B978-0-12-809633-8.20349-X>
- Butarbutar, R. (2023). Kejahatan Siber Terhadap Individu: Jenis, Analisis, Dan Perkembangannya. *Jurnal Hukum & Pembangunan*, 2(2). <https://doi.org/10.21143/TELJ.vol2.no2.1043>
- Odogwu, C. (2021, Desember 4). *What Is Network Scanning and How Does It Work?* <https://www.makeuseof.com/what-is-network-scanning/>
- Cloudflare. (t.t.). *What is a denial-of-service attack?* Diambil 14 Januari 2025, dari <https://www.cloudflare.com/learning/ddos/glossary/denial-of-service/>
- Fortinet. (t.t.). *What Is A Brute Force Attack?*
- Grinberg, M. (2018). *Flask Web Development*. O'Reilly Media. <https://books.google.co.id/books?id=cVIPDwAAQBAJ>
- Hadi, A. A. A. (2018). *Performance Analysis of Big Data Intrusion Detection System over Random Forest Algorithm*. 13(2).
- Hapsari, R. D., & Pambayun, K. G. (2023). ANCAMAN CYBERCRIME DI INDONESIA: Sebuah Tinjauan Pustaka Sistematis. *Jurnal Konstituen*, 5(1), 1–17. <https://doi.org/10.33701/jk.v5i1.3208>
- Hider, B., & Shabir, G. (2024). *Cybersecurity Threats and Mitigation Strategies in the Digital Age: A Comprehensive Overview*.
- Lutz, M., & Safari, an O. M. C. (2013). *Learning Python, 5th Edition*. O'Reilly Media, Incorporated. <https://books.google.co.id/books?id=LWM6zQEACAAJ>

- McKinney, W. (2017). *Python for Data Analysis: Data Wrangling with Pandas, NumPy, and IPython*. O'Reilly Media.
<https://books.google.co.id/books?id=BCc3DwAAQBAJ>
- Microsoft. (2025, Mei). *What is the Windows Subsystem for Linux?*
<https://learn.microsoft.com/en-us/windows/wsl/about>
- Mohammed, M. S., & Talib, H. A. (2024). Using Machine Learning Algorithms in Intrusion Detection Systems: A Review. *Tikrit Journal of Pure Science*, 29(3), 63–74. <https://doi.org/10.25130/tjps.v29i3.1553>
- Morshedi, R., Matinkhah, S. M., & Sadeghi, M. T. (2023). *Intrusion Detection for IoT Network Security with Deep Neural Network*.
<https://doi.org/10.21203/rs.3.rs-2648993/v1>
- Musa, U., Chhabra, M., Ali, A., & Kaur, M. (2022, Januari). *Intrusion Detection System using Machine Learning Techniques: A Review*.
https://www.researchgate.net/publication/364200354_Intrusion_Detection_System_using_Machine_Learning_Techniques_A_Review
- Open Information Security Foundation. (2026). *Suricata User Guide*.
<https://docs.suricata.io/en/suricata-8.0.6/>
- Oracle. (2026). *Oracle VirtualBox User Guide for Release 7.2*.
https://docs.oracle.com/en/virtualization/virtualbox/7.2/user/Introduction.html#ct_about-virtualbox
- Pedregosa, F., Varoquaux, G., Gramfort, A., Michel, V., Thirion, B., Grisel, O., Blondel, M., Prettenhofer, P., Weiss, R., Dubourg, V., Vanderplas, J., Passos, A., Cournapeau, D., Brucher, M., Perrot, M., & Duchesnay, É. (2011). Scikit-learn: Machine Learning in Python. *J. Mach. Learn. Res.*, 12(null), 2825–2830.
- Sabha, A. (2020). *Anomaly-based Intrusion Detection using Machine Learning Algorithms - A Review Paper*.
<https://api.semanticscholar.org/CorpusID:221492959>
- sagar99. (2025, Januari 17). *Machine Learning Lifecycle*.
<https://www.geeksforgeeks.org/machine-learning-lifecycle/>
- Sari, D. P., Halim, Z., Irlon, I., Waseso, B., & Saromah, S. (2024). Implementasi Machine Learning untuk Deteksi Intrusi pada Jaringan Komputer. *Jurnal Minfo Polgan*, 13(2), 1389–1394. <https://doi.org/10.33395/jmp.v13i2.14074>
- Rastogi, S., Shrotriya, A., Singh, M. K., & Vamsi, P. R. (2022). An Analysis of Intrusion Detection Classification using Supervised Machine Learning Algorithms on NSL-KDD Dataset. *Journal of Computing Research and Innovation*, 7(1), 118–130. <https://doi.org/10.24191/jcrinn.v7i1.274>

- Sharafaldin, I., Habibi Lashkari, A., & Ghorbani, A. A. (2018). Toward Generating a New Intrusion Detection Dataset and Intrusion Traffic Characterization. *Proceedings of the 4th International Conference on Information Systems Security and Privacy*, 108–116. <https://doi.org/10.5220/0006639801080116>
- Srinath, K. R. (2017). Python – The Fastest Growing Programming Language . *International Research Journal of Engineering and Technology (IRJET)*, 4(12).
- The PostgreSQL Global Development Group. (2026). *PostgreSQL 17.10 Documentation*.
<https://www.postgresql.org/files/documentation/pdf/17/postgresql-17-A4.pdf>
- Verma, A., Khatana, A., & Chaudhary, S. (2017). A Comparative Study of Black Box Testing and White Box Testing. *International Journal of Computer Sciences and Engineering*, 5, 301–304. <https://doi.org/10.26438/ijcse/v5i12.301304>
- Westphal, C., Hailes, S., & Musolesi, M. (2024). *Feature Selection for Network Intrusion Detection*. <https://arxiv.org/abs/2411.11603>
- Yang, L., & Shami, A. (2022). IDS-ML: An open source code for Intrusion Detection System development using Machine Learning. *Software Impacts*, 14, 100446. <https://doi.org/10.1016/j.simpa.2022.100446>
- Zamani, M. (2013). *Machine Learning Techniques for Intrusion Detection*. https://www.researchgate.net/publication/259212150_Machine_Learning_Techniques_for_Intrusion_Detection
- Zhou, J., Gandomi, A. H., Chen, F., & Holzinger, A. (2021). Evaluating the Quality of Machine Learning Explanations: A Survey on Methods and Metrics. *Electronics*, 10(5), 593. <https://doi.org/10.3390/electronics10050593>