

DAFTAR PUSTAKA

- Alpaydin, E. (2004). *Introduction to Machine Learning*. The MIT Press.
- Anouze, A. L. M. (2019). Data envelopment analysis and data mining to efficiency estimation and evaluation. *International Journal of Islamic and Middle Eastern Finance and Management*, 12(2), 169–190. <https://doi.org/10.1108/IMEFM-11-2017-0302>
- Bhat, M., & Keskar, R. B. (2025). Self-supervised random forests for robust voice activity detection with limited labeled data. *Applied Acoustics*, 234, 110636. <https://doi.org/10.1016/j.apacoust.2025.110636>
- Biau, G., & Scornet, E. (2016). A random forest guided tour. *Test*, 25(2), 197–227.
- California Department of Health Services. (2000). *A Woman's Guide to Breast Cancer Diagnosis and Treatment* (5th Printing). California Department of Health Services.
- Daho, M. E. H., Settouti, N., Bechar, M. E. A., Boublenza, A., & Chikh, M. A. (2021). A new correlation-based approach for ensemble selection in random forests. *International Journal of Intelligent Computing and Cybernetics*, 14(2), 251–268. <https://doi.org/10.1108/IJICC-10-2020-0147>
- Dangeti, P. (2017). *Statistics for Machine Learning*. Packt Publishing.
- Das, A. K., Biswas, S. Kr., Bhattacharya, A., & Alam, E. (2021). Introduction to Breast Cancer and Awareness. *2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS)*. <https://doi.org/10.1109/ICACCS51430.2021.9441686>
- Halwani, M. A., Merdad, G., Almasre, M., Doman, G., AlSharif, S., Alshiakh, S. M., Mahboob, D. Y., Halwani, M. A., Faqerah, N. A., & Mosuily, M. T. (2025). Predicting triage of pediatric patients in the emergency department using machine learning approach. *International Journal of Emergency Medicine*, 18, 51. <https://doi.org/10.1186/s12245-025-00861-z>
- Haristu, R. A., & Rosa, P. H. P. (2019). Penerapan Metode Random Forest untuk Prediksi Win Ratio Pemain Player Unknown Battleground. *MEANS (Media Informasi Analisa dan Sistem)*, 4(2), 120–128. http://ejournal.ust.ac.id/index.php/Jurnal_Means/
- Hartshorn, S. (2016). *Machine Learning With Random Forests And Decision Trees: A Visual Guide For Beginners*. Independently published via Amazon Kindle Direct Publishing (KDP). <https://books.google.co.id/books?id=jjhAtAEACAAJ>
- He, J., & Cheng, M. X. (2021). Weighting Methods for Rare Event Identification From Imbalanced Datasets. *Frontiers in Big Data*, 4, 715320. <https://doi.org/10.3389/fdata.2021.715320>
- Huyen, C. (2022). *Designing Machine Learning Systems*. O'Reilly Media. <http://oreilly.com/catalog/errata.csp?isbn=9781098107963>

- Iskandar, I., Padmawati, R. S., Hutajulu, S. H., & Fajrin, M. (2024). Analysis of Presentation Delay in Patients with Advanced Breast Cancer Visiting Dharmais National Cancer Hospital. *Indonesian Journal of Cancer*, 18(1), 27–31. <https://doi.org/10.33371/ijoc.v18i1.1025>
- Kabiraj, S., Raihan, M., Alvi, N., Afrin, M., Akter, L., Sohagi, S. A., & Podder, E. (2020). Breast Cancer Risk Prediction using XGBoost and Random Forest Algorithm. *11th ICCCNT*.
- Kaur, B., & Popli, R. (2024). A Comprehensive Review and Analysis of Advancements in Breast Cancer Detection and Classification. *2024 3rd Edition of IEEE Delhi Section Flagship Conference (DELCON)*. <https://doi.org/10.1109/DELCON64804.2024.10866898>
- Kaur, C., & Madaan, R. (2023). Risk Factor Analysis in Breast Cancer Using Principal Component Analysis. *2023 International Conference on Advances in Computation, Communication and Information Technology (ICAICCIT)*. <https://doi.org/10.1109/ICAICCIT60255.2023.10465837>
- Kore, V., & Khadse, V. (2022). Progressive Heterogeneous Ensemble Learning for Cancer Gene Expression Classification. *2022 International Conference on Machine Learning, Computer Systems and Security (MLCSS)*, 151–155. <https://doi.org/10.1109/MLCSS57186.2022.00035>
- Lange, T. M., Gültas, M., Schmitt, A. O., & Heinrich, F. (2025). optRF: Optimising random forest stability by determining the optimal number of trees. *BMC Bioinformatics*, 26, 95. <https://doi.org/10.1186/s12859-025-06097-1>
- Le, H.-L., Le, T.-T., Vu, T.-T.-H., Tran, D.-H., Chau, D. Van, & Ngo, T.-T.-T. (2023). A Survey on the Impact of Hyperparameters on Random Forest Performance using Multiple Accelerometer Datasets. *International Journal of Computer Applications (IJCA)*, 30(4). <https://www.researchgate.net/publication/377179488>
- Liu, J., Liu, C., Liu, Z., Zhou, Y., Li, X., & Yang, Y. (2025). Spatial analysis of air pollutant exposure and its association with metabolic diseases using machine learning. *BMC Public Health*, 25, 831. <https://doi.org/10.1186/s12889-025-22077-9>
- Miller, K. D., Camp, M., & Steligo, K. (2021). *The Breast Cancer Book: A Trusted Guide for You and Your Loved Ones*. Johns Hopkins University Press.
- Minna, F., & Mohan, M. (2022). Ensemble Learning Models for Drug Target Interaction Prediction. *2022 International Conference on Applied Artificial Intelligence and Computing (ICAAIC)*. <https://doi.org/10.1109/ICAAIC53929.2022.9793081>
- Murti, H. W. (2022). Digital Transformation to Support the Implementation of Halal Assurance System Based on Statements of Business Actor (Case Study of Ice Cream SMI XYZ). *Manajemen IKM*, 17(1), 6–14. <https://journal.ipb.ac.id/index.php/jurnalmpi/>
- Murugan, S., Kumar, B. M., & Amudha, S. (2017). Classification and Prediction of Breast Cancer using Linear Regression, Decision Tree and Random Forest. *International*

Conference on Current Trends in Computer, Electrical, Electronics and Communication (ICCTCEEC-2017).

- Myles, A. J., Feudale, R. N., Liu, Y., Woody, N. A., & Brown, S. D. (2004). An introduction to decision tree modeling. *Journal of Chemometrics: A Journal of the Chemometrics Society*, 18(6), 275-285.
- Okaidat, A., Hmedat, A., & Al-Badarneh, A. (2020). Breast Cancer and Anxiety: A Relationship Study. *2020 11th International Conference on Information and Communication Systems (ICICS)*. <https://doi.org/10.1109/ICICS49469.2020.239545>
- Ono, Y., & Mitani, Y. (2021). Effect of the Random Forests with Recursive Feature Elimination for Breast Cancer Classification. *2021 6th International Conference on Intelligent Informatics and Biomedical Sciences (ICIIBMS)*. <https://doi.org/10.1109/ICIIBMS52876.2021.9651590>
- Patel, K., Shah, S., Bavarva, A., Avashthi, H., & Chandra, M. (2025). Developing Machine Learning Models to Detect Breast Cancer. *2025 International Conference on Ambient Intelligence in Health Care (ICAIHC)*. <https://doi.org/10.1109/ICAIHC64101.2025.10957132>
- Probst, P., Wright, M., & Boulesteix, A.-L. (2019). *Hyperparameters and Tuning Strategies for Random Forest*. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery. <https://arxiv.org/abs/1804.03515>
- Rohan, T. I., Awan-Ur-Rahman, Siddik, A. B., Islam, M., & Yusuf, Md. S. U. (2019). A Precise Breast Cancer Detection Approach Using Ensemble of Random Forest with AdaBoost. *International Conference on Computer, Communication, Chemical, Materials and Electronic Engineering (IC4ME2)*.
- Rokach, L. (2010). *Pattern Classification Using Ensemble Methods*. World Scientific Publishing Company Incorporated.
- Rokach, L. (2019). *Ensemble Learning: Pattern Classification Using Ensemble Methods, Second Edition*. World Scientific Publishing Co. Pte. Ltd.
- Sakheta, A., Raj, T., Nayak, R., O'Hara, I., & Ramirez, J. A. (2025). Development and assessment of hybrid machine learning model of biomass pyrolysis process. *Chemical Engineering Science*, 310, 121552. <https://doi.org/10.1016/j.ces.2025.121552>
- Shturmin, S., Mangalathu, S., & Jeon, J.-S. (2025). Application of latent variable models for hidden pattern identification and machine learning prediction improvement in structural engineering. *Engineering Applications of Artificial Intelligence*, 156, 111282. <https://doi.org/10.1016/j.engappai.2025.111282>
- van den Brandhof, E. L., Tuitert, I., van der Stouwe, A. M. M., Elting, J. W. J., Dalenberg, J. R., Svorenova, T., Klamer, M. R., Marapin, R. S., Biehl, M., & Tijssen, M. A. J. (2025). Explainable machine learning for movement disorders - Classification of tremor and myoclonus. *Computers in Biology and Medicine*, 192, 110180. <https://doi.org/10.1016/j.combiomed.2025.110180>

- Wang, Y., Ho, P. J., Mou, L., & Li, J. (2025). Women's preferences for testing to predict breast cancer risk – a discrete choice experiment. *Journal of Translational Medicine*, 23, 96. <https://doi.org/10.1186/s12967-025-06119-9>
- Wei, D. (2024). *10 Must-Know Models for ML Beginners: Random Forest*. Medium. <https://medium.com/@weidagang/demystifying-machine-learning-models-random-forest-f992dc50b427>
- World Health Organization. (2024). *Global cancer burden growing, amidst mounting need for services*. <https://www.who.int/news/item/01-02-2024-global-cancer-burden-growing--amidst-mounting-need-for-services>