DAFTAR PUSTAKA

Abdurrahman, G., Oktavianto, H., & Sintawati, M. (2022). *Optimasi Algoritma XGBoost Classifier Menggunakan Hyperparameter Gridesearch dan Random Search Pada Klasifikasi Penyakit Diabetes*. *7*(3), 193–198.

Afandi, A., Agtriadi, H. B., Luqman, & Susanti, M. N. I. (2024). *Advanced Credit Scoring with Naive Bayes Algorithm : Improving Accuracy and Reliability in Financial Risk Assessment*. *8*(2), 399–409.

Aji, S., Cahyo, N., Yosep, M., Sulistyono, T., Informasi, S., Nuswantoro, U. D., Info, A., Production, R., & Regression, M. L. (2025). *Comparison of Multiple Linear Regression and Random Forest Methods for Predicting National Rice Production in Indonesia*. *9*(6), 3479–3489.

Anwar, I., & Khatib, T. (2017). A novel hybrid model for hourly global solar radiation prediction using random forests technique and firefly algorithm. *Energy Conversion and Management*, *138*, 413–425. https://doi.org/10.1016/j.enconman.2017.02.006

Ardianto, Agus Budi Raharjo, D. P. (2022). *Random Forest Regression Untuk Prediksi Produksi Daya*. *7*(5), 1058–1075.

BMKG. (2021). *Musim NTT - Iklim NTT*. https://ntt.bmkg.go.id/lasiana/staklimkupang/iklim-ntt/prakmus/musimntt.php

BMKG. (2024a). *Infografis Waktu Terbit dan Terbenam Matahari Wilayah NTT*.

BMKG. (2024b). *Musim Kemarau NTT*. Stasiun Klimatologi Nusa Tenggara Timur. https://staklim-ntt.bmkg.go.id/info-iklim-ntt/musim/musim-kemarau-ntt.php

BMKG. (2024c). *Unsur-unsur Iklim*. https://www.bmkg.go.id/iklim?p=unsur-unsur-iklim

Bostr, L. (2022). *MethodViz : designing and evaluating an interactive learning tool for scientific methods – visual learning support and visualization of research process structure*. 12793–12810.

Breiman, L. (2001). *Random Forests*. 5–32.

Chen, R. C., Dewi, C., Huang, S. W., & Caraka, R. E. (2020). Selecting critical features for data classification based on machine learning methods. *Journal of Big Data*. https://doi.org/10.1186/s40537-020-00327-4

Chen, T., & Guestrin, C. (2016). *XGBoost : A Scalable Tree Boosting System*. 785–794.

Chyan, P., Arni, S., & Thayf, M. S. S. (2024). *Pengantar Machine Learning PT . MIFANDI MANDIRI DIGITAL*.

Coaction. (2025). *Sejauh Mana Pemanfaatan Energi Terbarukan di Provinsi Nusa*

Tenggara Timur? https://coaction.id/sejauh-mana-pemanfaatan-energi-terbarukan-di-provinsi-nusa-tenggara-timur

Diaraya. (2017). *Desain Flowchart Pemrosesan Transaksi Perusahaan Pada Sistem Informasi Akuntasi Berbasis Komputer*. *13*(2), 141–146.

Dwisari, V., Fisika, P., & Jember, U. (2023). *Pemanfaatan energi matahari: masa depan energi terbarukan*. *7*(2), 376–384.

ESDM. (2021). *Menteri ESDM : Perlu Upaya Konkrit dan Terencana Capai Target Bauran 23% Di Tahun 2025*. https://www.esdm.go.id/id/media-center/arsip-berita/menteri-esdm-perlu-upaya-konkrit-dan-terencana-capai-target-bauran-23-di-tahun-2025

Fagandini, C., Todaro, V., Giovanna, M., Pereira, J. L., Azevedo, L., & Zanini, A. (2024). Missing Rainfall Daily Data : A Comparison Among Gap-Filling Approaches. *Mathematical Geosciences*, *56*(2), 191–217. https://doi.org/10.1007/s11004-023-10078-6

Fan, J., Wu, L., Zhang, F., Cai, H., Zeng, W., & Wang, X. (2019). Empirical and machine learning models for predicting daily global solar radiation from sunshine duration : A review and case study in China. *Renewable and Sustainable Energy Reviews*, *100*(November 2018), 186–212. https://doi.org/10.1016/j.rser.2018.10.018

Fan, Z., Yu, Z., & Chen, C. L. P. (2025). *Ensemble Learning*. 959–982. https://doi.org/10.1049/cit2.70030

Friedman, J. H. (2001). *GREEDY FUNCTION APPROXIMATION: A GRADIENT BOOSTING MACHINE*. *29*(5), 1189–1232.

Hallan, R. R., & Fajri, N. I. (2025). *Prediksi Harga Rumah menggunakan Machine Learning Algoritma Regresi Linier*. *7*(1), 57–62.

Hartwig, F. P., Sterne, J. A. C., Smith, G. D., Higgins, J. P. T., & Bowden, J. (2020). *The median and the mode as robust meta-analysis estimators in the presence of small-study effects and outliers*. *December 2019*, 397–412. https://doi.org/10.1002/jrsm.1402

Haryoko, Farida, L. D., Aminuddin, A., & Ghozali, B. (2026). *Analisis Komparatif Algoritma Random Forest dan Multiple Linear Regression untuk Prediksi Suhu Udara dengan Rekayasa Fitur Siklik*. *5*(1), 99–107.

Hasanah, M. A., Soim, S., & Handayani, A. S. (2021). *Implementasi CRISP-DM Model Menggunakan Metode Decision Tree dengan Algoritma CART untuk Prediksi Curah Hujan Berpotensi Banjir*. *5*(2).

Idham, A., & Yosrita, E. (2025). *Analysis of Long Short-Term Memory (LSTM) and Extreme Gradient Boosting (XGBoost) Algorithms to Predict the Number of Airplane Passengers at Makassar Sultan Hasanuddin International Airport : Systematic*

Literature Review. *9*(1), 74–88.

Jatnika, H., Luqman, L., Rifai, M. F., & Umar, N. M. (2025). *Application of Random Forest Classification Method in Determining the Best Quality Service in the Implementation of International Certification at ITCC ITPLN*. *9*(1), 163–168.

Kadang, J. M., & Windarta, J. (2021). *Optimasi Sosial-Ekonomi pada Pemanfaatan PLTS PV untuk Energi Berkelanjutan di Indonesia*. *2*(2), 74–83. https://doi.org/10.14710/jebt.2021.11113

Kementerian ESDM. (2022). *Geliat Industri Dukung Pemanfaatan Energi Bersih Melalui PLTS Atap*.

Kementerian ESDM. (2023). *Punya Potensi Pasar Besar, Penggiat PLTS di Indonesia Diminta Tak Keluar Gelanggang*. https://www.esdm.go.id/id/media-center/arsip-berita/punya-potensi-pasar-besar-penggiat-plts-di-indonesia-diminta-tak-keluar-gelanggang

Kementerian ESDM. (2024). *Kementerian ESDM Gaet Investasi, Tingkatkan Bauran Energi dari EBT*. https://www.esdm.go.id/id/media-center/arsip-berita/kementerian-esdm-tarik-investasi-tingkatkan-bauran-energi-dari-ebt

Lepot, M., Aubin, J.-B., & Clemens, F. H. L. R. (2017). *Interpolation in Time Series : An Introductive Overview of Existing Methods , Their Performance Criteria and Uncertainty Assessment*. https://doi.org/10.3390/w9100796

López, O. A. M., López, A. M., & Crossa, J. (2022). *Multivariate Statistical Machine Learning Methods for Genomic Prediction*.

Muhamad, I., & Matin, M. (2023). *Hyperparameter Tuning menggunakan GridsearchCV pada Random Forest untuk Deteksi Malware*. *9*(1).

Mujtaba, A. (2024). *Towards Sustainable Energy Policies : Machine Learning Applications in Projecting Bio Solar Consumption in Indonesia*. *15*(1), 104–131.

Nugroho, P. A. (2023). *KOMPUTA : Jurnal Ilmiah Komputer dan Informatika IMPLEMENTASI JARINGAN SYARAF TIRUAN MULTI-LAYER PERCEPTRON UNTUK PREDIKSI PENYINARAN KOMPUTA : Jurnal Ilmiah Komputer dan Informatika*. *12*(1), 83–90.

Obiora, C. N., & Ali, A. (2021). *Implementing Extreme Gradient Boosting (XGBoost) Algorithm in Predicting Solar Irradiance*.

Plevris, V. (2022). *INVESTIGATION OF PERFORMANCE METRICS IN REGRESSION ANALYSIS AND MACHINE LEARNING-BASED*. *June*, 2022.

Raschka, S., Patterson, J., & Nolet, C. (2020). *Machine Learning in Python : Main developments and technology trends in data science , machine learning , and artificial*

intelligence. 1–48.

Rashidi, H. H., Albahra, S., Robertson, S., Tran, N. K., & Hu, B. (2023). *Common statistical concepts in the supervised Machine Learning arena*. *February*, 1–14. https://doi.org/10.3389/fonc.2023.1130229

Rathee, A., Dalal, S., & Adem, K. B. (2026). *Optimizing cloud resource allocation with an integrated XGBoost – RFOA model*.

RRI. (2025). *Pemerintah NTT Berkomitmen Sukseskan Program MENTARI*. https://rri.co.id/kupang/regional/1382984/pemerintah-ntt-berkomitmen-sukseskan-program-mentari

Schonlau, M., & Zou, R. Y. (2020). *The random forest algorithm for statistical learning*. *1*, 3–29. https://doi.org/10.1177/1536867X20909688

Segovia, J. A., Toaquiza, J. F., Llanos, J. R., & Rivas, D. R. (2023). *Learning and Open-Source Software*.

Seran, Y., Nursalim, & Kurniati, S. (2022). *ANALISIS PENURUNAN KINERJA DAYA KELUARAN PADA PEMBANGKIT LISTRIK TENAGA SURYA (PLTS) 5 MWP OELPUAH KUPANG DENGAN MENGGUNAKAN SOFTWARE PVSYST*. *XI*(2), 87–96. https://doi.org/10.35508/JME.V0I0.8131-

Shibaprasad Bhattacharya, S. C. (2023). *PREDICTION OF RESPONSES IN A CNC MILLING OPERATION USING RANDOM FOREST REGRESSOR Shibaprasad Bhattacharya , Shankar Chakraborty*. *21*, 685–700.

Siregar, R. R. A., Sinaga, F. A., Arianto, R., Studi, P., & Teknik, S. (2017). *APLIKASI PENENTUAN DOSEN PENGUJI SKRIPSI MENGGUNAKAN METODE TF-IDF DAN*. *2*, 171–186.

Siswipraptini, P. C., Fadiarora, A. S., & Sikumbang, H. (2023). *MODEL KLASIFIKASI BERBASIS MACHINE LEARNING UNTUK PERPANJANGAN MASA JABATAN KEPALA SEKOLAH MENGGUNAKAN ALGORITMA C4.5*. *4*(1), 255–264.

Sri Ulina, M. A. P. (2023). *Impression : Jurnal Teknologi dan Informasi Potensi Pemanfaatan Pembangkit Listrik Tenaga Surya Terhadap Lama Penyinaran Matahari Di Kabupaten Cilacap Jawa Tengah*. *2*(3), 2–6.

Syahreza, A., Ningrum, N. K., & Syahrazy, M. A. (2024). *Edumatic : Jurnal Pendidikan Informatika Perbandingan Kinerja Model Prediksi Cuaca : Random Forest , Support Vector Regression , dan XGBoost*. *8*(2), 526–534. https://doi.org/10.29408/edumatic.v8i2.27640

Tuban, I. (2025). *Memahami Flowchart: Pengertian, Fungsi, Simbol, dan Contoh Penggunaan*. https://itbtuban.ac.id/memahami-flowchart-pengertian-fungsi-simbol-dan-contoh-penggunaan/

Wang, Y., & Ni, X. S. (n.d.). *A XGBOOST RISK MODEL VIA FEATURE SELECTION AND B AYESIAN HYPER - PARAMETER OPTIMIZATION*.

Wardani, W. K., & Andriyani, R. (2025). *Evaluating the Performance of LSTM in Photovoltaic Energy Optimization using Sunshine Duration Prediction*. *10*(03), 94–101.

Xing, Q., & Xu, J. (2019). *Estimating Sunshine Duration Using Hourly Total Cloud Amount Data from a Geostationary Meteorological Satellite*. 1–17.

Zaenuddin, M. R. W. (2017). *PREDIKSI LAMA MATAHARI BERSINAR MENGGUNAKAN ALGORITMA SUPPORT VECTOR MACHINE*. 151–158.

Zaim, S., El, M., Arbaoui, A., Samaouali, A., Tlemcani, M., & Barhdadi, A. (2023). Using artificial intelligence for global solar radiation modeling from meteorological variables. *Renewable Energy*, *215*(December 2022), 118904. https://doi.org/10.1016/j.renene.2023.118904

Zhang, P., Jia, Y., & Shang, Y. (2022). *Research and application of XGBoost in imbalanced data*. *18*(263). https://doi.org/10.1177/15501329221106935

Zhang, Y., Liu, J., & Shen, W. (2022). *applied sciences A Review of Ensemble Learning Algorithms Used in Remote Sensing Applications*.