

DAFTAR PUSTAKA

- [1] K. Taha, "Machine learning in biomedical and health big data: a comprehensive survey with empirical and experimental insights," *J. Big Data*, vol. 12, no. 1, 2025, doi: 10.1186/s40537-025-01108-7.
- [2] World Health Organization, "Obesity and overweight." [Online]. Available: <https://www.who.int/news-room/fact-sheets/detail/obesity-and-overweight>
- [3] Badan Kebijakan Pembangunan Kesehatan, "Hasil Utama SKI 2023," Badan Kebijakan Pembangunan Kesehatan. [Online]. Available: <https://www.badankebijakan.kemkes.go.id/daftar-frequently-asked-question-seputar-hasil-utama-ski-2023/hasil-utama-ski-2023/>
- [4] F. Husna, H. Rahman, and J. Juhari, "Implementasi Data Mining Menggunakan Algoritma C4.5 pada Klasifikasi Penjualan Hijab," *J. Ris. Mhs. Mat.*, vol. 2, no. 2, pp. 40–46, 2022, doi: 10.18860/jrmm.v2i2.14891.
- [5] T. Latifah and G. D. Anggitha, "Implementasi Metode Random Forest , KNN (K-Nearest Neighbour), Decision Tree Classification menggunakan Machine Learning untuk Stroke Prediction," pp. 1–18.
- [6] W. Baswardono, D. Kurniadi, A. Mulyani, and D. M. Arifin, "Comparative analysis of decision tree algorithms: Random forest and C4.5 for airlines customer satisfaction classification," *J. Phys. Conf. Ser.*, vol. 1402, no. 6, 2019, doi: 10.1088/1742-6596/1402/6/066055.
- [7] I. Ullah, B. Raza, A. K. Malik, M. Imran, S. U. Islam, and S. W. Kim, "A Churn Prediction Model Using Random Forest: Analysis of Machine Learning Techniques for Churn Prediction and Factor Identification in Telecom Sector," *IEEE Access*, vol. 7, no. May, pp. 60134–60149, 2019, doi: 10.1109/ACCESS.2019.2914999.
- [8] Y. Kurnia and K. Kusuma, "Comparison of C4.5 Algorithm, Naive Bayes and Support Vector Machine (SVM) in Predicting Customers that Potentially Open Deposits," *bit-Tech*, vol. 1, no. 2, pp. 84–91, 2021, doi: 10.32877/bt.v1i2.46.
- [9] Muhasshanah, M. Tohir, D. A. Ningsih, N. Y. Susanti, A. Umiyah, and L. Fitria, "Comparison of the performance results of c4.5 and random forest algorithm in data mining to predict childbirth process," *CommIT J.*, vol. 17, no. 1, pp. 51–59, 2023, doi: 10.21512/commit.v17i1.8236.
- [10] M. S. Tuloli, T. S. Kinanti, and L. N. Amali, "Perbandingan algoritma C4 . 5 , Naïve Bayes , dan K-Nearest Neighbors," vol. 7, no. 1, pp. 11–21, 2025, doi: 10.37905/jji.v1i1.31158.
- [11] M. Andani, J. Triloka, S. Y. Irianto, and H. W. Nugroho, "Performance Comparison of K-Nearest Neighbor , Naive Bayes , and Random Forest Algorithms in Obesity Prediction," vol. 9, no. 1, pp. 502–510, 2025.

- [12] N. K. M. Astuti, N. W. Utami, and I. G. P. K. Juliharta, "Classification of Blood Donor Data Using C4.5 and K-Nearest Neighbor Methods (Case Study: Utd Pmi Bali Province)," *J. Pilar Nusa Mandiri*, vol. 18, no. 1, pp. 9–16, 2022, doi: 10.33480/pilar.v18i1.2790.
- [13] K. Stefanus and H. Leong, "Comparison of Random Forest Algorithm Accuracy With Xgboost Using Hyperparameters," *Proxies J. Inform.*, vol. 7, no. 1, pp. 15–23, 2024, doi: 10.24167/proxies.v7i1.12464.
- [14] L. N. Borrell and L. Samuel, "Body mass index categories and mortality risk in US adults: The effect of overweight and obesity on advancing death," *Am. J. Public Health*, vol. 104, no. 3, pp. 512–519, 2014, doi: 10.2105/AJPH.2013.301597.
- [15] M. Toma and O. C. Wei, "Predictive Modeling in Medicine," *Encyclopedia*, vol. 3, no. 2, pp. 590–601, 2023, doi: 10.3390/encyclopedia3020042.
- [16] A. S. Maria, R. Sunder, and R. S. Kumar, "Obesity Risk Prediction Using Machine Learning Approach," *Proc. 1st IEEE Int. Conf. Netw. Commun. 2023, ICNWC 2023*, no. April 2023, 2023, doi: 10.1109/ICNWC57852.2023.10127434.
- [17] O. C. R. Rachmawati, A. Barakbah, and T. Karlita, "Programming Language Selection for the Development of Deep Learning Library," *Int. J. Informatics Vis.*, vol. 8, no. 1, pp. 434–441, 2024, doi: 10.62527/joiv.8.1.2437.
- [18] D. Muchlinski, "Machine learning and deep learning," *Elgar Encycl. Technol. Polit.*, pp. 114–118, 2022, doi: 10.4337/9781800374263.machine.learning.deep.
- [19] C. Avci, M. Budak, N. Yagmur, and F. B. Balcik, "Comparison between random forest and support vector machine algorithms for LULC classification," *Int. J. Eng. Geosci.*, vol. 8, no. 1, pp. 1–10, 2023, doi: 10.26833/ijeg.987605.
- [20] Nursalman and Mustikasari, "Pengaruh Penyetelan Hyperparameter Terhadap Kinerja Prediksi Random Forest pada Pendeteksian Spam," *JURNAL INSTEK Informatika Sains dan Teknologi*, vol. 5, no. 2, pp. 149–158, 2020.
- [21] M. Chaibi, E. M. Benghoulam, L. Tarik, M. Berrada, and A. El Hmaidi, "Machine Learning Models Based on Random Forest Feature Selection and Bayesian Optimization for Predicting Daily Global Solar Radiation," *Int. J. Renew. Energy Dev.*, vol. 11, no. 1, pp. 309–323, 2022, doi: 10.14710/IJRED.2022.41451.
- [22] L. P. E. N. Wati, I. B. M. Mahendra, N. A. Sanjaya ER, I. G. N. A. C. Putra, A. Muliantara, and L. A. A. R. Putri, "Pengaruh Metode Reduced

Error Pruning pada Algoritma C4.5 untuk Prediksi Penyakit Diabetes,”
JELIKU (Jurnal Elektron. Ilmu Komput. Udayana), vol. 11, no. 3, p. 519,
2022, doi: 10.24843/jlk.2023.v11.i03.p07.

- [23] S. Sathyanarayanan and B. R. Tantri, “Confusion Matrix-Based Performance Evaluation Metrics,” no. December, 2024, doi: 10.53555/AJBR.v27i4S.4345.