

## DAFTAR PUSTAKA

- [1] H. Nasruddin, R. Faisal Syamsu, and D. Permatasari, “Angka Kejadian Anemia Pada Remaja di Indonesia,” *Cerdika J. Ilm. Indones.*, vol. 1, no. 4, pp. 357–364, 2021, doi: 10.59141/cerdika.v1i4.66.
- [2] dr. F. R. Makarim, “Ini 5 Akibat Fatal yang Bisa Muncul Akibat Anemia,” halodoc. [Online]. Available: [https://www.halodoc.com/artikel/ini-5-akibat-fatal-yang-bisa-muncul-akibat-anemia?srsltid=AfmBOopmz4D95EVs-SEs9a6hs0QFc6Wq1nL05fs2cWFWmZKOZ652u9\\_2](https://www.halodoc.com/artikel/ini-5-akibat-fatal-yang-bisa-muncul-akibat-anemia?srsltid=AfmBOopmz4D95EVs-SEs9a6hs0QFc6Wq1nL05fs2cWFWmZKOZ652u9_2)
- [3] Siti Naila Sya’bani, Andriyani Andriyani, and Nurmalia Lusida, “Tinjauan Anemia pada Remaja Putri : Analisis Faktor Resiko dan Implikasi Kesehatan Jangka Panjang,” *OBAT J. Ris. Ilmu Farm. dan Kesehat.*, vol. 3, no. 3, pp. 255–269, 2025, doi: 10.61132/obat.v3i3.1353.
- [4] WHO, “Anemia,” World Health Organization. [Online]. Available: <https://www.who.int/data/nutrition/nlis/info/anaemia>
- [5] *Riset Kesehatan Dasar 2007*. Kementerian Kesehatan RI, 2007. [Online]. Available: <https://repository.badankebijakan.kemkes.go.id/id/eprint/4378/1/Laporan Riset Kesehatan Dasar Nasional%3B 2007.pdf>
- [6] *Riset Kesehatan Dasar 2013*. Kementerian Kesehatan RI, 2013. [Online]. Available: [https://repository.badankebijakan.kemkes.go.id/id/eprint/4467/1/Laporan\\_ri skesdas\\_2013\\_final.pdf](https://repository.badankebijakan.kemkes.go.id/id/eprint/4467/1/Laporan_ri skesdas_2013_final.pdf)
- [7] *Riset Kesehatan Dasar 2018*. Kementerian Kesehatan RI, 2018. [Online]. Available: <https://repository.badankebijakan.kemkes.go.id/id/eprint/3514/1/Laporan Riskesdas 2018 Nasional.pdf>
- [8] *Survei Kesehatan Indonesia 2023 (SKI)*. Kementerian Kesehatan RI, 2023. [Online]. Available: <https://kemkes.go.id/id/survei-kesehatan-indonesia-ski-2023>
- [9] *Profil Kesehatan Jawa Timur 2024*. Dinas Kesehatan Provinsi Jawa Timur, 2024. [Online]. Available: [https://dinkes.jatimprov.go.id/index.php/source/bankdata&statis&sekretariat&PPA&105\\_\\_1776148400\\_profil-kesehatan-provinsi-jawa-timur-tahun-2024.pdf](https://dinkes.jatimprov.go.id/index.php/source/bankdata&statis&sekretariat&PPA&105__1776148400_profil-kesehatan-provinsi-jawa-timur-tahun-2024.pdf)
- [10] *Profil Kesehatan Kota Surabaya 2024*. Dinas Kesehatan Kota Surabaya, 2024. [Online]. Available: [https://dinkes.surabaya.go.id/portal\\_dinkes/d/dkk/dokumen?kategori=3](https://dinkes.surabaya.go.id/portal_dinkes/d/dkk/dokumen?kategori=3)
- [11] M. N. Garcia-Casal, O. Dary, M. E. Jefferds, and S. R. Pasricha, “Diagnosing anemia: Challenges selecting methods, addressing underlying causes, and implementing actions at the public health level,” *Ann. N. Y. Acad. Sci.*, vol. 1524, no. 1, pp. 37–50, 2023, doi: 10.1111/nyas.14996.
- [12] P. Shahmirzalou, M. S. Hamze, and H. E. Sadagheyani, “A New Formula Based on Simple Blood Indices to Differentiate Beta Thalassemia Trait from Iron Deficiency Anemia,” *Iran. J. Public Health*, vol. 53, no. 5, pp. 1192–1199, 2024, doi: 10.18502/ijph.v53i5.15601.

- [13] D. T. Wiyanti and Ainurrohmah, "Analisis Performa Algoritma Decision Tree , Naïve Bayes , K- Nearest Neighbor untuk Klasifikasi Zona Daerah Risiko Covid-19 di Indonesia Performance Analysis Of Decision Tree , Naïve Bayes , K-Nearest Neighbor Algorithm For Covid-19 Risk Zone Classificati," *J. Teknoogi Inf. dan Ilmu Komput.*, vol. 10, no. 1, 2023, doi: 10.25126/jtiik.2023105935.
- [14] S. Baladram, "Extra Trees, Explained: A Visual Guide with Code Examples," Medium. Accessed: Nov. 14, 2025. [Online]. Available: <https://medium.com/@samybaladram/extra-trees-explained-a-visual-guide-with-code-examples-4c2967cedc75>
- [15] A. La Moglia and K. M. Almustafa, "Breast cancer prediction using machine learning classification algorithms," *J. Intell. Med.*, vol. 11, no. 2025, 2024, doi: 10.1016/j.ibmed.2024.100193.
- [16] H. F. Soon, A. Amir, H. Nishizaki, N. A. H. Zahri, L. M. Kamarudin, and S. N. Azemi, "Evaluating Tree-based Ensemble Strategies for Imbalanced Network Attack Classification," *Int. J. Adv. Comput. Sci. Appl.*, vol. 15, no. 1, 2024, doi: 10.14569/IJACSA.2024.01501111.
- [17] X. Yang, *Engineering Optimization: An Introduction with Metaheuristic Applications*. John Wiley & Sons, 2010. [Online]. Available: <https://www.perlego.com/book/2759391/engineering-optimization-an-introduction-with-metaheuristic-applications-pdf>
- [18] X. S. Yang, S. Deb, and S. Fong, "Accelerated particle swarm optimization and support vector machine for business optimization and applications," in *Communications in Computer and Information Science*, 2011, pp. 53–66. doi: 10.1007/978-3-642-22185-9\_6.
- [19] A. H. M. Emara, G. Atteia, and J. H. Alkhateeb, "Fine Tuning Hyperparameters of Deep Learning Models Using Metaheuristic Accelerated Particle Swarm Optimization Algorithm," *IEEE Access*, vol. 13, no. June, pp. 134506–134518, 2025, doi: 10.1109/ACCESS.2025.3591403.
- [20] WHO, "Anemia," World Health Organization. Accessed: Sep. 06, 2025. [Online]. Available: <https://www.who.int/news-room/fact-sheets/detail/anaemia>
- [21] S. Grantham-McGregor and C. Ani, "A review of studies on the effect of iron deficiency on cognitive development in children," *J. Nutr.*, vol. 131, no. 2 SUPPL. 2, pp. 649S-668S, 2001, doi: 10.1093/jn/131.2.649s.
- [22] L. Hidayati, H. Hadi, W. Lestariana, and A. Kumara, "Anemia dan Prestasi Belajar Anak Sekolah Dasar," *J. Kesehat.*, vol. 3, no. 2, pp. 105–119, 2010.
- [23] H. Husna and N. Saputri, "Penyuluhan Mengenai Tentang Tanda Bahaya Anemia Pada Remaja Putri," *J. Altifani Penelit. dan Pengabd. Kpd. Masy.*, vol. 2, no. 1, pp. 7–12, 2022, doi: 10.25008/altifani.v2i1.197.
- [24] "Iron-Deficiency Anemia," John Hopkins Medicine. [Online]. Available: <https://www.hopkinsmedicine.org/health/conditions-and-diseases/irondeficiency-anemia>
- [25] M. F. for M. E. and R. (MFMER), "Iron deficiency anemia," Mayo Clinic. [Online]. Available: <https://www.mayoclinic.org/diseases-conditions/iron-deficiency-anemia/symptoms-causes/syc-20355034>

- [26] H. Moawad, “What to Know About Your MCH Blood Test Results,” Verywell Health. [Online]. Available: <https://www.verywellhealth.com/mch-blood-test-11747660>
- [27] G. F. Gerber, “Iron Deficiency Anemia,” Merck Manual. [Online]. Available: <https://www.merckmanuals.com/professional/hematology-and-oncology/anemias-caused-by-deficient-erythropoiesis/iron-deficiency-anemia>
- [28] G. Yilmaz and H. Shaikh, *Normochromic Normocytic Anemia*. StatPearls Publishing LLC, 2023. [Online]. Available: <https://www.ncbi.nlm.nih.gov/books/NBK565880/>
- [29] M. Sulistiyono, Y. Pristiyanto, S. Adi, and G. Gumelar, “Implementasi Algoritma Synthetic Minority Over-Sampling Technique untuk Menangani Ketidakseimbangan Kelas pada Dataset Klasifikasi,” *Sistemasi*, vol. 10, no. 2, p. 445, 2021, doi: 10.32520/stmsi.v10i2.1303.
- [30] R. F. Putra *et al.*, *Algoritma Pembelajaran Mesin: Dasar, Teknik, dan Aplikasi*, 1st ed. Sonpedia Publishing Indonesia, 2024.
- [31] A. Gholamy, V. Kreinovich, and O. Koshelava, “Why 70/30 or 80/20 Relation Between Training and Testing Sets: A Pedagogical Explanation,” 2018. [Online]. Available: [https://scholarworks.utep.edu/cs\\_techrep/1209/](https://scholarworks.utep.edu/cs_techrep/1209/)
- [32] E. Muningsih, Sutrisno, V. R. Handayani, and C. Galuhwardani, “Optimasi Metode Klasifikasi dengan Particle Swarm Optimization ( PSO ) dan Perbandingan Split Data untuk Prediksi Penyakit Diabetes,” *ournal Artif. Intell. Technol. Inf.*, vol. 4, no. 2, pp. 259–268, 2026.
- [33] B. G. Marcot and A. M. Hanea, “What is an optimal value of k in k-fold cross-validation in discrete Bayesian network analysis?,” *Comput. Stat.*, vol. 52, no. 5, pp. 667–692, 2020, doi: 10.1007/s00180-020-00999-9.
- [34] S. A. R. Manaf, A. Fitrianto, and A. M. Soleh, “Perbandingan Algoritma Pohon dengan Beberapa Skenario Pelabelan untuk Analisis Sentimen pada Aplikasi Milik Pemerintah/BUMN,” *J. Edukasi dan Penelit. Inform.*, vol. 10, no. 1, pp. 24–32, 2024.
- [35] Yanuardi, F. F. Basri, and M. L. Aksani, “Klasifikasi Kepribadian Berdasarkan Dimensi Ekstraversi Berbasis Data Mining Menggunakan Extremely Randomized Trees,” *J. Ilm. Tek. Inform.*, vol. 14, no. 2, pp. 229–237, 2025, [Online]. Available: <https://share.google/Pf5PRcHrIDGkny0Ki>
- [36] L. Cao *et al.*, “Interpretable Soft Sensors using Extremely Randomized Trees and SHAP,” in *Proceedings of the 22nd IFAC World Congress*, DAIS Lab, 2023. [Online]. Available: [https://dais.chbe.ubc.ca/publication/2023C2\\_cao\\_ifac/](https://dais.chbe.ubc.ca/publication/2023C2_cao_ifac/)
- [37] M. Walidin, “Analisis Sentimen Opini Pelanggan Berbasis Aspek Aplikasi Halodoc Menggunakan Metode Extra Tree Classifier,” Universitas Komputer Indonesia, 2021. [Online]. Available: <https://elibrary.unikom.ac.id/id/eprint/5673/>
- [38] J. Kennedy and R. Eberhart, “Particle Swarm Optimization,” in *Proceeding of ICNN’95 - International Convergence of Neural Networks*, IEEE, 1995. doi: 10.1109/ICNN.1995.488968.
- [39] B. Santoso, “Tutorial Particle Swarm Optimization,” 2006.

- [40] E. P. Cynthia, M. A. Rizky A., A. Nazir, and F. Syafria, “Random Forest Algorithm to Investigate the Case of Acute Coronary Syndrome,” *J. RESTI*, vol. 5, no. 2, pp. 369–378, 2021, doi: 10.29207/resti.v5i2.3000.
- [41] “Evaluation Metrics in Machine Learning,” geeksforgeeks. Accessed: Sep. 10, 2025. [Online]. Available: <https://www.geeksforgeeks.org/machine-learning/metrics-for-machine-learning-model/>
- [42] I. T. Ali, Y. Rahayu, and A. Setiawan, “Web Application Based on Machine Learning for Diabetes Detection using Microstrip Resonator and Streamlit,” *Indones. J. Electron. Electromed. Eng. Med. Informatics*, vol. 6, no. 3, pp. 120–131, 2024, doi: <https://doi.org/10.35882/ijeemi.v6i3.2>.
- [43] K. Bakht, S. A. R. Kashif, M. S. Fakhar, I. A. Khan, and G. Abbas, “Accelerated Particle Swarm Optimization Algorithms Coupled with Analysis of Variance for Intelligent Charging of Plug-in Hybrid Electric Vehicles,” *Energies*, vol. 16, no. 7, 2023, doi: <https://doi.org/10.3390/en16073210>.
- [44] S. Talatahari, E. Khalili, and S. Alavizadeh, “Accelerated Particle Swarm for Optimum Design of Frame Structures,” *Math. Probl. Eng.*, vol. 2013, no. 1, 2013, doi: <https://doi.org/10.1155/2013/649857>.