

DAFTAR PUSTAKA

- [1] WHO, “Severe Acute Respiratory Infections Treatment Centre. Practical manual to set up and manage a SARI treatment centre and a SARI screening facility in health care facilities,” *World Heal. Organ.*, no. March, p. 120, 2020, [Online]. Available: https://apps.who.int/iris/bitstream/handle/10665/331603/WHO-2019-nCoV-SARI_treatment_center-2020.1-eng.pdf
- [2] R. Ilmaskal, L. Wati, R. Hamdanesti, and A. Rahmi, “Insiden Infeksi Saluran Pernafasan Akut (ISPA) Pada Balita di Wilayah Kerja Puskesmas Pauh dan Faktor Determinannya,” *J. Ilmu Dan Teknol. Kesehat. Terpadu*, vol. 3, no. 1, pp. 31–37, 2023, doi: 10.53579/jitkt.v3i1.83.
- [3] R. A. Putri, A. Prasetyo, and V. Supriyono, “Kejadian ISPA di Sekitar Industri Genteng atau Batu Bata di Desa Bogorejo, Kecamatan Barat Kabupaten Magetan,” *JPKM J. Profesi Kesehat. Masy.*, vol. 4, no. 1, pp. 9–16, 2023, doi: 10.47575/jpkm.v4i1.468.
- [4] D. A. Putra and N. Sany, “Sistem Pakar Diagnosa Penyakit ISPA Melalui Integrasi Metode Naïve Bayes dan K-Nearest Neighbors,” vol. 10, no. 2, pp. 201–215, 2024, doi: 10.33050/cices.v10i2.3412.
- [5] F. N. Fadila and N. Siyam, “Faktor Risiko Infeksi Saluran Pernapasan Akut (ISPA) pada Anak Balita,” *HIGEIA (Journal Public Heal. Res. Dev.)*, vol. 6, no. 4, pp. 320–331, 2022, doi: 10.15294/higeia.v6i4.56803.
- [6] M. G. Bruce, S. S. Bressler, A. Apostolou, and R. J. Singleton, “Lower respiratory tract infection hospitalizations among American Indian/Alaska Native adults, Indian Health Service and Alaska Region, 1998–2014,” *Int. J. Infect. Dis.*, vol. 111, pp. 130–137, 2021, doi: 10.1016/j.ijid.2021.08.033.
- [7] D. Hidayat, “Kemenkes Catat Pengidap ISPA Meningkat Akibat Polusi Udara,” Kementerian Kesehatan Republik Indonesia. [Online]. Available: <https://rri.co.id/ntt/pemilu/339812/kemenkes-catat-pengidap-ispa-meningkat-akibat-polusi-udara?>
- [8] T. Effectiveness and L. Regression, “Efektivitas Algoritma Random Forest , XGBoost , dan Logistic Regression dalam Prediksi Penyakit Paru-paru,” vol.

- 23, no. 4, pp. 909–922, 2024.
- [9] G. Abdurrahman, H. Oktavianto, and M. Sintawati, “Optimasi Algoritma XGBoost Classifier Menggunakan Hyperparameter Gridsearch dan Random Search Pada Klasifikasi Penyakit Diabetes,” *INFORMAL Informatics J.*, vol. 7, no. 3, p. 193, 2022, doi: 10.19184/isj.v7i3.35441.
 - [10] A. M. Karim, “A new Sparse Auto-encoder based Framework using Grey Wolf Optimizer for Data Classification Problem,” 2022, [Online]. Available: <http://arxiv.org/abs/2201.12493>
 - [11] M. Ali and M. Hussein, “Evaluation and prediction of design-time product structural analysis assistance using XGBoost and Grey Wolf Optimizer,” *Asian J. Civ. Eng.*, vol. 25, no. 3, pp. 2415–2429, 2024, doi: 10.1007/s42107-023-00916-7.
 - [12] H. Asemi and N. Farajzadeh, “Biomedical Signal Processing and Control Improving EEG signal-based emotion recognition using a hybrid GWO-XGBoost feature selection method,” *Biomed. Signal Process. Control*, vol. 99, no. May 2024, p. 106795, 2025, doi: 10.1016/j.bspc.2024.106795.
 - [13] M. R. Andryan, M. Fajri, and N. Sulistyowati, “Komparasi Kinerja Algoritma Xgboost Dan Algoritma Support Vector Machine (Svm) Untuk Diagnosis Penyakit Kanker Payudara,” *JIKO (Jurnal Inform. dan Komputer)*, vol. 6, no. 1, p. 1, 2022, doi: 10.26798/jiko.v6i1.500.
 - [14] Iis Dewi Ratih, S M Retnaningsih, and V M Dewi, “Klasifikasi Kualitas Tanah Menggunakan Metode Naive Bayes Classifier,” *J. Apl. Mat. dan Stat.*, vol. 1, no. 1, pp. 11–20, 2022, doi: 10.53625/jams.v1i1.4427.
 - [15] J. Simanjuntak and E. Santoso, “Klasifikasi penyakit ISPA dengan metode Fuzzy K-Nearest Neighbor,” *J. Pengemb. Teknol. Inf. dan Ilmu Komput.*, vol. 5, no. 11, pp. 5023–5029, 2021.
 - [16] S. P. Wardana, L. D. P. Pardoe, M. R. Yolanda, A. F. Yulianti, and P. Habib, “Tonsillitis in Focus: Clinical Features, Diagnostic Methods, and Evidence-Based Therapy,” *J. Biol. Trop.*, vol. 25, no. 4, pp. 4783–4790, 2025, doi: 10.29303/jbt.v25i4.10090.
 - [17] J. M. Nowicki and M. T., “No 主観的健康感を中心とした在宅高齢者における 健康関連指標に関する共分散構造分析Title,” in *Bronchitis and*

- Pneumonia*, vol. 2, no. January, 2020, pp. 1–9.
- [18] L. Boekoesoe and I. Puluhalawa, “Risk Factors for Acute Nasopharyngitis in the Work Area of the Puskesmas (Public Health Center) Tolangohula,” *Int. J. Heal. Sci. Med. Res.*, vol. 2, no. 2, pp. 173–185, 2023, doi: 10.37905/ijhsmr.v2i2.20929.
 - [19] T. Chen and C. Guestrin, “XGBoost,” in *Proceedings of the 22nd ACM SIGKDD International Conference on Knowledge Discovery and Data Mining*, New York, NY, USA: ACM, Aug. 2016, pp. 785–794. doi: 10.1145/2939672.2939785.
 - [20] XGBoosting, “Suggested Ranges for Tuning XGBoost Hyperparameters.” [Online]. Available: <https://xgboosting.com/suggested-ranges-for-tuning-xgboost-hyperparameters/>
 - [21] T. Chen and C. Guestrin, “XGBoost: A scalable tree boosting system,” *Proc. ACM SIGKDD Int. Conf. Knowl. Discov. Data Min.*, vol. 13-17-Augu, pp. 785–794, 2016, doi: 10.1145/2939672.2939785.
 - [22] S. Mirjalili, S. M. Mirjalili, and A. Lewis, “Grey Wolf Optimizer,” *Adv. Eng. Softw.*, vol. 69, pp. 46–61, Mar. 2014, doi: 10.1016/j.advengsoft.2013.12.007.
 - [23] S. Mirjalili, S. M. Mirjalili, and A. Lewis, “Grey Wolf Optimizer,” *Adv. Eng. Softw.*, vol. 69, pp. 46–61, 2014, doi: 10.1016/j.advengsoft.2013.12.007.
 - [24] S. W. R. Naomi Nussyana Debataraja, Rizky Dwi Permatasari, “PENERAPAN SYNTHETIC MINORITY OVERSAMPLING TECHNIQUE DALAM MENGATASI DATA TIDAK SEIMBANG PADA METODE CLASSIFICATION AND REGRESSION TREE,” *Bimaster Bul. Ilm. Mat. Stat. dan Ter.*, vol. 9, no. 1, Jan. 2020, doi: 10.26418/bbimst.v9i1.38949.
 - [25] M. Sulistiyono, Y. Pristyanto, 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, May 2021, doi: 10.32520/stmsi.v10i2.1303.
 - [26] E. Erlin, Y. Desnelita, N. Nasution, L. Suryati, and F. Zoromi, “Dampak SMOTE terhadap Kinerja Random Forest Classifier berdasarkan Data Tidak

- seimbang,” *MATRIK J. Manajemen, Tek. Inform. dan Rekayasa Komput.*, vol. 21, no. 3, pp. 677–690, Jul. 2022, doi: 10.30812/matrik.v21i3.1726.
- [27] R. Tuntun, K. Kusriani, and K. Kusnawi, “Analisis Perbandingan Kinerja Algoritma Klasifikasi dengan Menggunakan Metode K-Fold Cross Validation,” *J. MEDIA Inform. BUDIDARMA*, vol. 6, no. 4, p. 2111, Oct. 2022, doi: 10.30865/mib.v6i4.4681.
- [28] D. Doe, “Training and validation loss in deep learning,” *Baeldung on Computer Science*. [Online]. Available: <https://www.baeldung.com/cs/training-validation-loss-deep-learning>
- [29] J. Brownlee, “How to use learning curves to diagnose machine learning model performance,” *Machine Learning Mastery*. [Online]. Available: <https://machinelearningmastery.com/learning-curves-for-diagnosing-machine-learning-model-performance/>
- [30] I. O. Muraina, “IDEAL DATASET SPLITTING RATIOS IN MACHINE LEARNING ALGORITHMS ;,” no. February, 2022.
- [31] M. R. Afrizal, “XGBOOST DENGAN RANDOM SEARCH HYPER-PARAMETER TUNING UNTUK KLASIFIKASI SITUS PHISING,” *J. Ilmu Komput.*, vol. 15, pp. 1–23, 2016, [Online]. Available: <https://jurnal.harianregional.com/jik/full-80511>
- [32] N. V. Chawla, K. W. Bowyer, L. O. Hall, and W. P. Kegelmeyer, “SMOTE: Synthetic Minority Over-sampling Technique,” *J. Artif. Intell. Res.*, vol. 16, pp. 321–357, Jun. 2002, doi: 10.1613/jair.953.