

DAFTAR PUSTAKA

- [1] A. Wenda, K. Kraugusteeliana, A. A. Suryanto, S. N. Alam, and K. Suhada, "Sistem Pakar Untuk Mendiagnosa Penyakit Paru-Paru dengan Menggunakan Metode Teorema Bayes," *JURNAL MEDIA INFORMATIKA BUDIDARMA*, vol. 7, no. 1, p. 82, Jan. 2023, doi: 10.30865/mib.v7i1.5394.
- [2] K. K. Guntupalli, D. Gutterman, S. Raoof, and P. A. Markowski, "2010: The year of the lung," Dec. 01, 2010, *American College of Chest Physicians*. doi: 10.1378/chest.10-2555.
- [3] "Pneumonia," World Health Organization.
- [4] ADM PLK, "Waspada TBC Di kala Pandemi ,," PLK UNAIR.
- [5] "WHO COVID-19 Dashboard," World Health Organization.
- [6] I. M. Dendi Maysanjaya, "Klasifikasi Pneumonia pada Citra X-rays Paru-paru dengan Convolutional Neural Network (Classification of Pneumonia Based on Lung X-rays Images using Convolutional Neural Network)," 2020.
- [7] D. A. Pramudhita, F. Azzahra, K. Arfat, R. Magdalena, and S. Saidah, "Strawberry Plant Diseases Classification Using CNN Based on MobileNetV3-Large and EfficientNet-B0 Architecture ARTICLE INFO ABSTRACT," *Jurnal Ilmiah Teknik Elektro Komputer dan Informatika (JITEKI)*, vol. 9, no. 3, pp. 522–534, 2023, doi: 10.26555/jiteki.v9i3.26341.
- [8] J. Padhi, L. Korada, A. Dash, P. K. Sethy, S. K. Behera, and A. Nanthaamornphong, "Paddy Leaf Disease Classification Using EfficientNet B4 with Compound Scaling and Swish Activation: A Deep Learning Approach," *IEEE Access*, 2024, doi: 10.1109/ACCESS.2024.3451557.
- [9] M. Tan and Q. V. Le, "EfficientNet: Rethinking Model Scaling for Convolutional Neural Networks," 2019.
- [10] S. Qian, Y. Hu, and C. Ning, "MobileNetV3 for Image Classification," *IEEE*, 2021.
- [11] M. Abd Elaziz, A. Dahou, N. A. Alsaleh, A. H. Elsheikh, A. I. Saba, and M. Ahmadein, "Boosting covid-19 image classification using mobilenetv3 and aquila optimizer algorithm," *Entropy*, vol. 23, no. 11, Nov. 2021, doi: 10.3390/e23111383.
- [12] X. Tian, L. Shi, Y. Luo, and X. Zhang, "Garbage Classification Algorithm Based on Improved MobileNetV3," *IEEE Access*, vol. 12, pp. 44799–44807, 2024, doi: 10.1109/ACCESS.2024.3381533.

- [13] G. Marques, D. Agarwal, and I. de la Torre Díez, “Automated medical diagnosis of COVID-19 through EfficientNet convolutional neural network,” *Applied Soft Computing Journal*, vol. 96, Nov. 2020, doi: 10.1016/j.asoc.2020.106691.
- [14] O. Musa and D. Alang, “ANALISIS PENYAKIT PARU-PARU MENGGUNAKAN ALGORITMA K-NEAREST NEIGHBORS PADA RUMAH SAKIT ALOEI SABOE KOTA GORONTALO,” vol. 9, Dec. 2017.
- [15] A. Bakhtiar, R. Irviana, and E. Tantri, “Faal Paru Dinamis,” Sep. 2017.
- [16] M. Weinstock, A. Echenique, Dabr, and J. W. Russell, “Chest X-Ray Findings in 636 Ambulatory Patients with COVID-19 Presenting to an Urgent Care Center A Normal Chest X-Ray Is no Guarantee,” *The Journal of Urgent Care Medicine*, May 2020.
- [17] H. Y. F. Wong *et al.*, “Frequency and Distribution of Chest Radiographic Findings in Patients Positive for COVID-19,” *Radiology*, vol. 296, no. 2, pp. E72–E78, Aug. 2020, doi: 10.1148/radiol.2020201160.
- [18] C. Fernández-de-las-Peñas *et al.*, “Prevalence of post-COVID-19 symptoms in hospitalized and non-hospitalized COVID-19 survivors: A systematic review and meta-analysis,” *Eur J Intern Med*, vol. 92, pp. 55–70, Oct. 2021, doi: 10.1016/j.ejim.2021.06.009.
- [19] D. Davis *et al.*, “Advancements in the Management of Severe Community-Acquired Pneumonia: A Comprehensive Narrative Review,” *Cureus*, Oct. 2023, doi: 10.7759/cureus.46893.
- [20] A. M. Nathan *et al.*, “Bacterial pneumonia and its associated factors in children from a developing country: A prospective cohort study,” Feb. 01, 2020, *Public Library of Science*. doi: 10.1371/journal.pone.0228056.
- [21] M. Masud *et al.*, “A Pneumonia Diagnosis Scheme Based on Hybrid Features Extracted from Chest Radiographs Using an Ensemble Learning Algorithm,” *J Healthc Eng*, vol. 2021, 2021, doi: 10.1155/2021/8862089.
- [22] P. Manohar, B. Loh, R. Nachimuthu, X. Hua, S. C. Welburn, and S. Leptihn, “Secondary Bacterial Infections in Patients With Viral Pneumonia,” Aug. 05, 2020, *Frontiers Media S.A.* doi: 10.3389/fmed.2020.00420.
- [23] J. Thomas, A. Pociute, R. Kevalas, M. Malinauskas, and L. Jankauskaite, “Blood biomarkers differentiating viral versus bacterial pneumonia aetiology: A literature review,” Jan. 09, 2020, *BioMed Central Ltd.* doi: 10.1186/s13052-020-0770-3.

- [24] Y. Syahrin Vidyastari, D. Emmy Riyanti, K. Cahyo Bagian Pendidikan kesehatan dan Ilmu Perilaku, and F. Kesehatan Masyarakat, “FAKTOR-FAKTOR YANG MEMPENGARUHI PENCAPAIAN TARGET CDR (Case Detection Rate) OLEH KOORDINATOR P2TB DALAM PENEMUAN KASUS DI PUSKESMAS KOTA SEMARANG,” 2019. [Online]. Available: <http://ejournal3.undip.ac.id/index.php/jkm>
- [25] A. Z. A. M. Y. M. I. R. Ariffin F, “Management of pulmonary tuberculosis in health clinics in the Gombak district How are we doing so far,” 2015.
- [26] S. Ratna, “PENGOLAHAN CITRA DIGITAL DAN HISTOGRAM DENGAN PHYTON DAN TEXT EDITOR PHYCHARM,” Jul. 2020.
- [27] M. Mahendra, R. Chandra Telaumbanua, A. Wanto, and A. P. Windarto, “Akurasi Prediksi Ekspor Tanaman Obat, Aromatik dan Rempah-Rempah Menggunakan Machine Learning,” 2022. [Online]. Available: <https://djournals.com/klik>
- [28] I. Goodfellow, Y. Bengio, and A. Courville, “Deep Learning,” 2016.
- [29] M. Zufar, B. Setiyono, and J. Matematika, “Convolutional Neural Networks untuk Pengenalan Wajah Secara Real-Time,” 2016.
- [30] Md. A. Hossain and Md. S. Alam Sajib, “Classification of Image using Convolutional Neural Network (CNN),” *Global Journal of Computer Science and Technology*, pp. 13–18, May 2019, doi: 10.34257/gjcsdvol19is2pg13.
- [31] D. Irfansyah *et al.*, “Arsitektur Convolutional Neural Network (CNN) Alexnet Untuk Klasifikasi Hama Pada Citra Daun Tanaman Kopi,” vol. 6, no. 2, 2021, [Online]. Available: <https://data.mendeley.com/datasets/c5yvn32dzg/2>.
- [32] I. W. Suartika, “Klasifikasi Citra Menggunakan Convolutional Neural Network (Cnn) pada Caltech 101,” 2016.
- [33] T. Ahmed and N. H. N. Sabab, “Classification and understanding of cloud structures via satellite images with EfficientUNet,” Jul. 02, 2021. doi: 10.1002/essoar.10507423.1.
- [34] P. Ramachandran, B. Zoph, and Q. V. Le, “Searching for Activation Functions,” Oct. 2017, [Online]. Available: <http://arxiv.org/abs/1710.05941>
- [35] A. Howard *et al.*, “Searching for MobileNetV3,” May 2019, [Online]. Available: <http://arxiv.org/abs/1905.02244>
- [36] E. Saputro and D. Rosiyadi, “Penerapan Metode Random Over-Under Sampling Pada Algoritma Klasifikasi Penentuan Penyakit Diabetes,”

Bianglala Informatika, vol. 10, no. 1, p. 2022, 2022, [Online]. Available: <https://archive.ics.uci.edu/ml/machine-learning->

- [37] H. He, W. Zhang, and S. Zhang, “A novel ensemble method for credit scoring: Adaption of different imbalance ratios,” *Expert Syst Appl*, vol. 98, pp. 105–117, May 2018, doi: 10.1016/j.eswa.2018.01.012.
- [38] K. Ajitesh, “Local & Global Minima Explained with Examples,” vitalflux.
- [39] D. P. Kingma and J. Ba, “Adam: A Method for Stochastic Optimization,” Dec. 2014, [Online]. Available: <http://arxiv.org/abs/1412.6980>
- [40] S. Ruder, “An overview of gradient descent optimization algorithms,” Sep. 2016, [Online]. Available: <http://arxiv.org/abs/1609.04747>
- [41] U. Sait *et al.*, “A deep-learning based multimodal system for Covid-19 diagnosis using breathing sounds and chest X-ray images,” *Appl Soft Comput*, vol. 109, p. 107522, Sep. 2021, doi: 10.1016/j.asoc.2021.107522.
- [42] S. Kiran and D. I. Jabeen, “Dataset of Tuberculosis Chest X-rays Images,” Mendeley Data. Accessed: Dec. 19, 2024. [Online]. Available: <http://dx.doi.org/10.17632/8j2g3csprk.2>