

DAFTAR PUSTAKA

- [1] WHO, “Pneumonia in children,” World Health Organization.
- [2] B. Nugroho and E. Yulia, “KINERJA METODE CNN UNTUK KLASIFIKASI PNEUMONIA DENGAN VARIASI UKURAN CITRA INPUT,” vol. 8, no. 3, pp. 533–538, 2021, doi: 10.25126/jtiik.202184515.
- [3] S. Singh, M. Kumar, A. Kumar, B. K. Verma, K. Abhishek, and S. Selvarajan, “Efficient pneumonia detection using Vision Transformers on chest X-rays,” *Sci Rep*, vol. 14, no. 1, Dec. 2024, doi: 10.1038/s41598-024-52703-2.
- [4] T. Wang *et al.*, “PneuNet: deep learning for COVID-19 pneumonia diagnosis on chest X-ray image analysis using Vision Transformer,” *Med Biol Eng Comput*, vol. 61, no. 6, pp. 1395–1408, Jun. 2023, doi: 10.1007/s11517-022-02746-2.
- [5] A. Hafidh, A. #1, A. Arifianto, K. Nur, and R. #3, “Pneumonia Classification from X-ray Images using Residual Neural Network OPEN ACCESS,” *Journal on Computing*, vol. 5, no. 2, pp. 43–54, 2020, doi: 10.21108/indojc.2020.5.2.454.
- [6] J. A. Figo, N. Yudistira, and A. W. Widodo, “Deteksi Covid-19 dari Citra X-ray menggunakan Vision Transformer,” 2023. [Online]. Available: <http://j-ptiik.ub.ac.id>
- [7] T. S. Sowmya, T. Narasimhulu, G. Sunitha, T. Manikanta, and T. Venkatesh, “Vision Transformer based ResNet Model for Pneumonia Prediction,” in *2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings*, Institute of Electrical and Electronics Engineers Inc., 2023, pp. 316–321. doi: 10.1109/ICESC57686.2023.10193644.
- [8] P. R. Sihombing and I. F. Yuliati, “Penerapan Metode Machine Learning dalam Klasifikasi Risiko Kejadian Berat Badan Lahir Rendah di Indonesia,”

- MATRIK : Jurnal Manajemen, Teknik Informatika dan Rekayasa Komputer*, vol. 20, no. 2, pp. 417–426, May 2021, doi: 10.30812/matrik.v20i2.1174.
- [9] F. Baharuddin and A. Tjahyanto, “Peningkatan Performa Klasifikasi Machine Learning Melalui Perbandingan Metode Machine Learning dan Peningkatan Dataset,” *Jurnal Sisfokom (Sistem Informasi dan Komputer)*, vol. 11, no. 1, pp. 25–31, Mar. 2022, doi: 10.32736/sisfokom.v11i1.1337.
- [10] A. Sindar and R. M. Sinaga, “IMPLEMENTASI TEKNIK THRESHODING PADA SEGMENTASI CITRA DIGITAL,” *Desember*, vol. 1, no. 2, p. 48, 2017.
- [11] N. Zaid Munantri, H. Sofyan, and M. Yanu, “APLIKASI PENGOLAHAN CITRA DIGITAL UNTUK IDENTIFIKASI UMUR POHON,” 2019.
- [12] M. A. Wikanargo and A. P. Thenata, “IMAGE SEGMENTATION OF CHEST X-RAYS FOR ABNORMALITY PATTERN RECOGNATION IN LUNGS USING FUZZY C-MEANS METHOD,” *Jurnal Terapan Teknologi Informasi*, vol. 2, no. 2, pp. 101–111, Oct. 2018, doi: 10.21460/jutei.2018.22.98.
- [13] V. Keung, “Mengenal Perbedaan X-ray, CT scan, dan MRI,” *kalbemed*, Jakarta, Nov. 09, 2023.
- [14] L. A. Andika, H. Pratiwi, and S. S. Handajani, “KLASIFIKASI PENYAKIT PNEUMONIA MENGGUNAKAN METODE CONVOLUTIONAL NEURAL NETWORK DENGAN OPTIMASI ADAPTIVE MOMENTUM *,” 2019.
- [15] R. Andromeda Anwar, “Gambaran Tentang Pengaruh Musim Terhadap Kejadian Pneumonia Anak di Kabupaten Natuna Tahun 2020-2021,” *SURABAYA BIOMEDICAL JOURNAL*, vol. 2, no. 1, 2022.
- [16] A. Roihan, P. Abas Sunarya, and A. S. Rafika, “Pemanfaatan Machine Learning dalam Berbagai Bidang: Review paper,” *IJCIT IJCIT (Indonesian*

- Journal on Computer and Information Technology*), vol. 5, no. 1, pp. 75–82, 2019.
- [17] A. Vaswani *et al.*, “Attention Is All You Need,” in *31st Conference on Neural Information Processing Systems*, 2017.
- [18] A. Dosovitskiy *et al.*, “An Image is Worth 16x16 Words: Transformers for Image Recognition at Scale,” Oct. 2021, [Online]. Available: <http://arxiv.org/abs/2010.11929>
- [19] D. Zhou *et al.*, “DeepViT: Towards Deeper Vision Transformer,” Mar. 2021, [Online]. Available: <http://arxiv.org/abs/2103.11886>
- [20] Y. Bazi, L. Bashmal, M. M. Al Rahhal, R. Al Dayil, and N. Al Ajlan, “Vision transformers for remote sensing image classification,” *Remote Sens (Basel)*, vol. 13, no. 3, pp. 1–20, Feb. 2021, doi: 10.3390/rs13030516.
- [21] A. Pangestu, B. Purnama, and R. Risnandar, “Vision Transformer untuk Klasifikasi Kematangan Pisang,” *Jurnal Teknologi Informasi dan Ilmu Komputer*, vol. 11, no. 1, pp. 75–84, Feb. 2024, doi: 10.25126/jtiik.20241117389.
- [22] J. Li *et al.*, “Transforming medical imaging with Transformers? A comparative review of key properties, current progresses, and future perspectives,” 2023. [Online]. Available: <https://www.sciencedirect.com/science/article/pii/S1361841523000233>
- [23] S. Saha, A. Kumar, and D. Nandi, “ViT-ILD: A Vision Transformer-based Neural Network for Detection of Interstitial Lung Disease from CT Images,” in *Procedia Computer Science*, Elsevier B.V., 2024, pp. 779–788. doi: 10.1016/j.procs.2024.04.074.
- [24] P. N. Zakiya, L. Novamizanti, and S. Rizal, “KLASIFIKASI PATOLOGI MAKULA RETINA MELALUI CITRA OCT MENGGUNAKAN CONVOLUTIONAL NEURAL NETWORK DENGAN ARSITEKTUR MOBILENET,” in *e-Proceeding of Engineering*, 2021, p. 5072.

- [25] J. Deng, W. Dong, R. Socher, L.-J. Li, K. Li, and L. Fei-Fei, "ImageNet: A Large-Scale Hierarchical Image Database," IEEE, 2009.
- [26] A. Syahrudin and T. Kurniawan, "JURNALDASARPEMROGRAMANINPUTDANOUTPUT," *Jurnal Dasar Pemograman Python STMIK*, 2018.
- [27] C. N. Ihsan, "Klasifikasi Data Radar Menggunakan Algoritma Convolutional Neural Network (CNN)," *Journal of Computer and Information Technology*, vol. 4, no. 2, pp. 115–121, 2021.
- [28] D. Valero-Carreras, J. Alcaraz, and M. Landete, "Comparing two SVM models through different metrics based on the confusion matrix," *Comput Oper Res*, vol. 152, Apr. 2023, doi: 10.1016/j.cor.2022.106131.
- [29] T. Ridwansyah, "KLIK: Kajian Ilmiah Informatika dan Komputer Implementasi Text Mining Terhadap Analisis Sentimen Masyarakat Dunia Di Twitter Terhadap Kota Medan Menggunakan K-Fold Cross Validation Dan Naïve Bayes Classifier," *Media Online*, vol. 2, no. 5, pp. 178–185, 2022, [Online]. Available: <https://djournals.com/klik>