

## DAFTAR PUSTAKA

- [1] M. Permata Sari, W. Hary Cahyati, J. Ilmu Kesehatan Masyarakat, F. Ilmu Keolahragaan, and U. Negeri Semarang, “HIGEIA JOURNAL OF PUBLIC HEALTH RESEARCH AND DEVELOPMENT,” 2019, doi: 10.15294/higeia/v3i3/30266.
- [2] A. A. Hipzi, G. W. Wiriasto, I. Made, and B. Suksmadana, “KLASIFIKASI PNEUMONIA PADA AUGMENTASI CITRA X-RAY PARU-PARU MENGGUNAKAN METODE CONVOLUTION NEURAL NETWORK (CNN),” 2023. Accessed: Nov. 07, 2023. [Online]. Available: <http://eprints.unram.ac.id/id/eprint/39247>
- [3] O. Stephen, M. Sain, U. J. Maduh, and D. U. Jeong, “An Efficient Deep Learning Approach to Pneumonia Classification in Healthcare,” *J Healthc Eng*, vol. 2019, p. 7, 2019, doi: 10.1155/2019/4180949.
- [4] Enes AYAN and Halil Murat ÜNVER, “Diagnosis of Pneumonia from Chest X-Ray Images using Deep Learning,” 2019, doi: 978-1-7281-1013-4/19.
- [5] L. A. Andika, H. Pratiwi, and S. S. Handajani, “KLASIFIKASI PENYAKIT PNEUMONIA MENGGUNAKAN METODE CONVOLUTIONAL NEURAL NETWORK DENGAN OPTIMASI ADAPTIVE MOMENTUM \*,” 2019. doi: [doi.org/10.29244/ijsa.v3i3.560](https://doi.org/10.29244/ijsa.v3i3.560).
- [6] F. Sarasati, F. Septia Nugraha, U. Radiyah, and U. N. Mandiri, “Pemanfaatan Metode Deep Learning untuk Klasifikasi Penyakit pada Tanaman Jagung,” 2022. doi: [doi.org/10.31294/infortech.v4i2.13898.g5724](https://doi.org/10.31294/infortech.v4i2.13898.g5724).
- [7] Rian Rahmanta Putra, Indra Griha Tofik Isa, and Ahmad Bahri Joni Malyan, *Buku Ajar Pengantar Deep Learning dalam Pemrosesan Citra*, 1st ed. Jawa Tengah: PT Nasya Expanding Management, 2023.
- [8] C. Ning and F. You, “Optimization under uncertainty in the era of big data and deep learning: When machine learning meets mathematical programming,” *Comput Chem Eng*, vol. 125, pp. 434–448, Jun. 2019, doi: 10.1016/j.compchemeng.2019.03.034.
- [9] R. Sujatha, J. M. Chatterjee, N. Z. Jhanjhi, and S. N. Brohi, “Performance of deep learning vs machine learning in plant leaf disease detection,” *Microprocess Microsyst*, vol. 80, Feb. 2021, doi: 10.1016/j.micpro.2020.103615.

- [10] H. Liu and B. Lang, “Machine learning and deep learning methods for intrusion detection systems: A survey,” *Applied Sciences (Switzerland)*, vol. 9, no. 20. MDPI AG, Oct. 01, 2019. doi: 10.3390/app9204396.
- [11] Wahyudi Setiawan, *Deep Learning menggunakan Convolutional Neural Network: Teori dan Aplikasi*, 1st ed. Malang: Media Nusa Creative, 2020.
- [12] Widodo Budiharto, *Machine learning dan computational intelligence*. Yogyakarta: Andi, 2016.
- [13] Purba Daru Kusuma, *Machine Learning Teori, Program, Dan Studi Kasus*. Yogyakarta: CV BUDI UTAMA, 2020.
- [14] Ibnu Daqiqil Id, *MACHINE LEARNING : Teori, Studi Kasus dan Implementasi Menggunakan Python*. Riau, Indonesia: UR PRESS, 2021.
- [15] Novanto Yudistira *et al.*, *Prediksi Deret Waktu Menggunakan Deep Learning*, 1st ed. Malang: UB PRESS, 2023.
- [16] E. Bisong, *Building Machine Learning and Deep Learning Models on Google Cloud Platform*. Apress, 2019. doi: 10.1007/978-1-4842-4470-8.
- [17] Wahyudi Setiawan, *Topik Khusus Kecerdasan Komputasional: Deep Learning untuk Image dan Speech Recognition*. MNC Publishing, 2020.
- [18] O. Asupan *et al.*, “Buku Ajar AI, Machine Learning & Deep Learning,” 2019. [Online]. Available: <https://www.researchgate.net/publication/348003841>
- [19] D. Kurnia and A. T. Wibowo, “Klasifikasi Spesies Tanaman Kaktus Grafting Berdasarkan Citra Scion Menggunakan Metode Convolutional Neural Network (Cnn),” *Agustus*, vol. 8, no. 4, p. 4171, 2021.
- [20] F. Charli, H. Syaputra, M. Akbar<sup>3</sup>, S. Sauda, and F. Panjaitan, “Implementasi Metode Faster Region Convolutional Neural Network (Faster R-CNN) Untuk Pengenalan Jenis Burung Lovebird,” 2020. [Online]. Available: <https://journal-computing.org/index.php/journal-ita/index>
- [21] K. Diah, A. Puspita, A. Nilogiri, H. Oktavianto, and M. Jember, “Deteksi Penyakit Daun Teh Menggunakan Metode Convolutional Neural Network (CNN),” 2023.

- [22] Ph. D. Windra Swastika, *Hyperparameter Tuning pada Convolutional Neural Network (CNN) untuk Deteksi Malaria*, 1st ed. Malang: Ma Chung Press, 2021.
- [23] A. Pasumpon Pandian and Klimis Ntalianis, *Intelligent Computing, Information and Control Systems*. Canada: Springer International Publishing, 2019. doi: 10.1007/978-3-030-30465-2.
- [24] Saban Ozturk, *Convolutional Neural Networks for Medical Image Processing Applications*, 1st ed. CRC Press, 2022. doi: 10.1201/9781003215141.
- [25] V. T. Deco, A. Nilogiri, and Q. A'yun, "Klasifikasi Kesegaran Ikan Lemuru Berdasarkan Citra Mata Menggunakan Metode Convolutional Neural Network," 2021.
- [26] A. A. Saraiva *et al.*, "Models of learning to classify X-ray images for the detection of pneumonia using neural networks," SciTePress, 2019. doi: 10.5220/0007346600760083.
- [27] P. Andhi *et al.*, "Deteksi COVID-19 Berdasarkan Hasil Rontgen Dada (Chest Xray) Menggunakan Python," 2021.
- [28] N. Azahro Choirunisa, T. Karlita, and R. Asmara, "Deteksi Ras Kucing Menggunakan Compound Model Scaling Convolutional Neural Network," *Technomedia Journal*, vol. 6, no. 2, pp. 236–251, Nov. 2021, doi: 10.33050/tmj.v6i2.1704.
- [29] "Klasifikasi Jenis Kulit Wajah Menggunakan Metode Covolutional Neural Network (CNN) Efficientnet-B0 Skin Classification System Using Convolutional Neural Network (CNN) EfficientNet-B0," 2022.
- [30] ST. M. Kom. Yahya, *Data Mining*, 1st ed. Jawa Barat: CV Jejak, anggota IKAPI, 2021.
- [31] R. Josefa, R. Sovia, E. Praja, and W. Mandala, *Sistem Pakar Diagnosa Penyakit Pneumonia Pada Anak Menggunakan Metode Case Based Reasoning*. 2019. [Online]. Available: <https://seminar-id.com/semnas-sainteks2019.html>
- [32] A. M. A. Barhoom and S. S. Abu-Naser, "Diagnosis of Pneumonia Using Deep Learning," *International Journal of Academic Engineering Research (IJAER)*, vol. 6, no. 2, 2022, Accessed: Nov. 07, 2023. [Online]. Available: <https://philpapers.org/rec/BARDOP-3>
- [33] S. Alibasah, Y. Peristiowati, M. Erfansyah, P. Keselamatan, K. Kerja, and M. Kesehatan, "ANALISA HARI RAWAT INAP DAN FREKUENSI FOTO THORAK TERHADAP RATA-RATA DOSIS

- SERAP RADIASI PADA PASIEN COVID-19 DI RUANG ISOLASI RSU KARSA HUSADA BATU,” *Jurnal Imejing Diagnostik*, vol. 8, pp. 22–28, 2022, [Online]. Available: <http://ejournal.poltekkes-smg.ac.id/ojs/index.php/jimed/index>
- [34] N. Rabbani Putra Permana, R. Sulistiana, and M. Nur Ikhsan Liwang, “ANALISIS GAMBARAN FOTO TORAKS DENGAN DERAJAT KEPARAHAN GEJALA KLINIS PADA PASIEN PNEUMONIA ANAK DI RUMAH SAKIT UMUM ANUTAPURA KOTA PALU PROVINSI SULAWESI TENGAH,” *Jurnal Ilmiah Kedokteran*, vol. 8, no. 1, 2023.
- [35] T. Gabruseva, D. Poplavskiy, and A. Kalinin, “Deep Learning for Automatic Pneumonia Detection,” 2020. [Online]. Available: <https://github.com/tatigabru/kaggle-rsna>.
- [36] Z. Yue, L. Ma, and R. Zhang, “Comparison and Validation of Deep Learning Models for the Diagnosis of Pneumonia,” *Comput Intell Neurosci*, vol. 2020, 2020, doi: 10.1155/2020/8876798.
- [37] A. Filcha and M. Hayaty, “Implementasi Algoritma Rabin-Karp untuk Pendekripsi Plagiarisme pada Dokumen Tugas Mahasiswa,” 2019.
- [38] I. Puspita Dewi and K. Muslim Lhaksmana, “Prediksi Retweet Menggunakan Metode Bernoulli dan Gaussian Naive Bayes di Media Sosial Twitter Dengan Topik Vaksinasi Covid-19,” 2021.
- [39] A. A. Khan *et al.*, “Detection of Omicron Caused Pneumonia from Radiology Images Using Convolution Neural Network (CNN),” *Computers, Materials and Continua*, vol. 74, no. 2, pp. 3743–3761, 2023, doi: 10.32604/cmc.2023.033924.
- [40] Dataset : <https://data.mendeley.com/datasets/rscbjbr9sj/2>