

DAFTAR PUSTAKA

- Abdelaziz, A. R. (2022). *Derment and Skin Disease*. Retrieved from <https://www.kaggle.com/datasets/amrragababdelaziz/dermnet-and-skin-disease>, diakses pada 19 Desember 2023
- Affandi, E., & Syahputra, T. (2018). Pemodelan UML Manajemen Sistem Inventory. *Jurnal Teknologi Sistem Informasi Dan Sistem Komputer TGD*, 1(2), 14–25. <https://doi.org/10.53513/jsk.v1i2.27>
- Akyeramfo-Sam, S., Philip, A. A., Yeboah, D., Nartey, N. C., & Nti, I. K. (2019). A Web-Based Skin Disease Diagnosis Using Convolutional Neural Networks. *International Journal of Information Technology and Computer Science*, 11(11), 54–60. <https://doi.org/10.5815/ijtes.2019.11.06>
- Alassaf, A. (2023). Deep Learning-Based Stacked Auto-Encoder with Dynamic Differential Annealed Optimization for Skin Lesion Diagnosis. *Computer Systems Science and Engineering*, 47(3), 2773–2789. <https://doi.org/10.32604/csse.2023.035899>
- Alle, M. H., Ansar, R., Sirajuddin, H. K., & Muharto. (2021). Sistem Pakar Pendeteksi Penyakit Pada Tanaman Padi Menggunakan Metode (Forward Chaining) Berbasis Web Di Desa Subaim Kecamatan Wasile. *IJIS - Indonesian Journal On Information System*, 6(1), 13. <https://doi.org/10.36549/ijis.v6i1.133>
- Ath-thariq, M., & Suharsono, T. N. (2023). Deteksi Penyakit Kulit Serupa Pada Wajah Berbasis Mobile dengan Metode Convolutional Neural Network. *INNOVATIVE: Journal Of Social Science Research*, 3(5), 876–887. <https://doi.org/10.31004/innovative.v3i5.4936>
- Bimorogo, S. D. (2020). A Comparative Study of Pretrained Convolutional Neural Network Model to Identify Plant Diseases on Android Mobile Device. *International Journal of Advanced Trends in Computer Science and Engineering*, 9(3), 2824–2833. <https://doi.org/10.30534/ijatcse/2020/53932020>

- Bisong, E. (2019). *Building Machine Learning and Deep Learning Models on Google Cloud Platform*. Ottawa: Apress.
https://doi.org/10.1007/978-1-4842-4470-8_29
- Chandrabhatla, A. S., Kuo, E. A., Sokolowski, J. D., Kellogg, R. T., Park, M., & Mastorakos, P. (2023). Artificial Intelligence and Machine Learning in the Diagnosis and Management of Stroke: A Narrative Review of United States Food and Drug Administration-Approved Technologies. *Journal of Clinical Medicine*, 12(11), 3755.
<https://doi.org/10.3390/jcm12113755>
- Chigbu, U. E., Atiku, S. O., & Plessis, C. C. Du. (2023). The Science of Literature Reviews: Searching, Identifying, Selecting, and Synthesising. *Publications*, 11(1), 2.
<https://doi.org/10.3390/publications11010002>
- David, R., Duke, J., Jain, A., Reddi, V. J., Jeffries, N., Li, J., Kreeger, N., Nappier, L., Natraj, M., Regev, S., Rhodes, R., Wang, T., & Warden, P. (2021). TensorFlow Lite Micro: Embedded Machine Learning on TinyML Systems. *Proceedings of The 4th MLSys Conference*, 800–811. <https://doi.org/10.48550/arXiv.2010.08678>
- Ding, Y., Huang, H., Cui, H., Wang, X., & Zhao, Y. (2023). A Non-Destructive Method for Identification of Tea Plant Cultivars Based on Deep Learning. *Forests*, 14(4), 1–13. <https://doi.org/10.3390/f14040728>
- Efrian, M. R., & Latifa, U. (2022). Image Recognition Berbasis Convolutional Neural Network (CNN) Untuk Mendeteksi Penyakit Kulit Pada Manusia. *Power Elektronik: Jurnal Orang Elektro*, 11(2), 276.
<https://doi.org/10.30591/polektro.v12i1.3874>
- Febriansyah, M. A., Faisal, I., & Handoko, D. (2023). Implementasi Metode Backward Chaining Dalam Mendiagnosis Penyakit Periodontitis Terhadap Perokok Aktif Berbasis Android Muhammad. *Journal of Practical Computer Science*, 3(2), 69–77.
<https://doi.org/10.37366/jpcs.v3i2.2669>

- Gaffney, K. P., Hipp, D. R., Prammer, M., Kennedy, D., Brasfield, L., & Patel, J. M. (2022). SQLite: Past, Present, and Future. *Proceedings of the VLDB Endowment*, 15(12), 3535–3547. <https://doi.org/10.14778/3554821.3554842>
- Goel, S., & Hall, B. (2020). *Dermnet*. Retrieved from <https://www.kaggle.com/datasets/shubhamgoel27/dermnet>, diakses pada tanggal 19 Desember 2023
- Gokani, J. (2017). *The Evolution of Banking: AI*. MS&E 238. Retrieved from <https://mse238blog.stanford.edu/2017/08/jgokani/the-evolution-of-banking-ai/>, diakses pada 27 Desember 2023
- Goodfellow, I., Bengio, Y., & Courville, A. (2016). *Deep Learning*. Cambridge: The MIT Press. www.deeplearningbook.org
- Hanin, M. A., Patmasari, R., & Nur, R. Y. (2021). Sistem Klasifikasi Penyakit Kulit Menggunakan Convolutional Neural Network (CNN). *E-Proceeding of Engineering*, 8(1), 273–281. <https://openlibrarypublications.telkomuniversity.ac.id/index.php/engineering/article/view/14273>
- Hapsari, T. R., Sukmarini, L., & Herawati, T. (2023). Deteksi Penyakit Kardiovaskular Pada Isyarat EKG Berbasis Deep Learning. *Journal of Telenursing (JOTING)*, 5(1), 1376–1383. <https://doi.org/10.31539/joting.v5i1.5178>
- Hariyani, Y. S., Hadiyoso, S., & Siadari, T. S. (2020). Deteksi Penyakit Covid-19 Berdasarkan Citra X-Ray Menggunakan Deep Residual Network. *ELKOMIKA: Jurnal Teknik Energi Elektrik, Teknik Telekomunikasi, & Teknik Elektronika*, 8(2), 443. <https://doi.org/10.26760/elkomika.v8i2.443>
- Hariyanto, R., & Sa'diyah, K. (2018). Sistem Pakar Diagnosis Penyakit dan Hama Pada Tanaman Tebu Menggunakan Metode Certainty Factor. *JOINTECS (Journal of Information Technology and Computer Science)*, 3(1), 1–4. <https://doi.org/10.31328/jointecs.v3i1.500>

- Hestiningsih, I., Thohari, A. N. A., Kurnianingsih, & Kamarudin, N. D. (2023). Mobile Skin Disease Classification using MobileNetV2 and NASNetMobile. *International Journal on Advanced Science, Engineering and Information Technology*, 13(4), 1472–1479. <https://doi.org/10.18517/ijaseit.13.4.18290>
- Hidayati, A. N., Damayanti, Sari, M., Alinda, M. D., Reza, N. R., Anggraeni, S., & Widia, Y. (2019). *Infeksi Bakteri di Kulit* (N. A. Hidayati, Damayanti, M. Sari, M. D. Alinda, N. R. Reza, S. Anggraeni, & Y. Widia (eds.); 1st ed.). Surabaya: Pusat Penerbitan dan Percetakan Universitas Airlangga.
- Indraswari, R., Herulambang, W., & Rokhana, R. (2022). Deteksi Penyakit Mata Pada Citra Fundus Menggunakan Convolutional Neural Network (CNN). *Techno.Com*, 21(2), 378–389. <https://doi.org/10.33633/tc.v21i2.6162>
- Isnaini, Siregar, K. I., & Ihsan, M. (2022). Application of the Certainty Factor Method for Diagnose Palm Oil Disease Web-Based. *Jurnal Teknik Informatika (JUTIF)*, 3(3), 581–590. <https://doi.org/10.20884/1.jutif.2022.3.3.242>
- Iyer, A., Iyer, S., & Hire, K. (2021). A Skin Disease Detection System Using CNN Deep Learning Algorithm. *Proceedings of 3rd ICSCSP 2020*, 191–201. https://doi.org/10.1007/978-981-33-6912-2_18
- Jan, I., & Shafi, J. (2015). Sqlite- A Better Choice as an Embedded Database for Smart Phones. *International Journal of Allied Practice, Research and Review*, 2(6), 9–15. www.ijaprr.com
- Juliansyach, M. D. (2023). Aplikasi Augmented Reality Pengenalan Hewan Untuk Anak Usia Dini Berbasis Android. *SIBATIK JOURNAL: Jurnal Ilmiah Bidang Sosial, Ekonomi, Budaya, Teknologi, Dan Pendidikan*, 2(4), 1155–1166. <https://doi.org/10.54443/sibatik.v2i4.753>

- Kaur, P., & Kumar, R. (2024). Performance Analysis of Convolutional Neural Network Architectures Over Wireless Capsule Endoscopy Dataset. *Bulletin of Electrical Engineering and Informatics*, 13(1), 312–319. <https://doi.org/10.11591/eei.v13i1.5858>
- Kelleher, J. D. (2019). *Deep Learning*. Cambridge: The MIT Press.
- Maharani, A. (2014). *Penyakit Kulit : Perawatan, Pencegahan, Pengobatan*. Bantul: Pustaka Baru Press.
- Maynard-Reid, M. (2019). *E2E tf.Keras to TFLite to Android*. Retrieved from <https://margaretmz.medium.com/e2e-tfkeras-tflite-android-273acde6588>, diakses pada tanggal 03 Juli 2024
- Morandín-Ahuerna, F. (2022). What is Artificial Intelligence? *International Journal of Research Publication and Reviews*, 3(12), 1947–1951. <https://doi.org/10.55248/gengpi.2022.31261>
- Munawir, A., & Nugroho, N. (2023). Penerapan Metode Rapid Application Development Pada Sistem Informasi Monitoring Pelanggaran Siswa. *Jurnal Ilmiah Sistem Informasi Akuntansi*, 3(1), 69–78. <https://doi.org/10.33365/jimasia.v3i1.3697>
- Natbais, Y. H., & Umbu, A. B. S. (2023). Aplikasi Deteksi Penyakit pada Daun Tomat Berbasis Android Menggunakan Model Terlatih Tensorflow Lite. *Teknotan*, 17(2), 83. <https://doi.org/10.24198/jt.vol17n2.1>
- Pangestu, I. Y., & Ramadhani, S. R. (2023). Perancangan Sistem Deteksi Penyakit Kulit Pada Kucing Menggunakan Deep Learning Berbasis Android. *Teknika*, 12(3), 173–182. <https://doi.org/10.34148/teknika.v12i3.673>
- Patterson, J. W., & Leister, A. F. (1980). The Incidence of Skin Disease in Cadets During Basic Training. *Military Medicine*, 145(2), 101–103. <https://doi.org/10.1093/milmed/142.2.101>
- Phung, V. H., & Rhee, E. J. (2019). A High-accuracy model average ensemble of convolutional neural networks for classification of cloud image patches on small datasets. *Applied Sciences (Switzerland)*, 9(21), 4500. <https://doi.org/10.3390/app9214500>

- Putra, H. A., & Santoso, N. (2023). Pengembangan Sistem Rawat Jalan pada Rumah Sakit berbasis Web. *Jurnal Pengembangan Teknologi Informasi Dan Ilmu Komputer*, 7(6), 2668–2676. <https://j-ptiik.ub.ac.id/index.php/j-ptiik/article/view/12764>
- Rashid, J., Ishfaq, M., Ali, G., Saeed, M. R., Hussain, M., Alkhalifa, T., Alturise, F., & Samand, N. (2022). Skin Cancer Disease Detection Using Transfer Learning Technique. *Applied Sciences*, 12(11), 5714. <https://doi.org/10.3390/app12115714>
- Rathod, J., Waghmode, V., Sodha, A., & Bhavathankar, P. (2018). Diagnosis of Skin Diseases Using Convolutional Neural Networks. *2018 Second International Conference on Electronics, Communication and Aerospace Technology (ICECA)*, 1048–1051. <https://doi.org/10.1109/ICECA.2018.8474593>
- Reynolds, A. H. (2019). *Convolutional Neural Networks (CNNs)*. Retrieved from <https://anhreynolds.com/blogs/cnn.html>, diakses pada 28 Desember 2023
- Ria, S. N., Walid, M., & Umam, B. A. (2022). Pengolahan Citra Digital Untuk Identifikasi Jenis Penyakit Kulit Menggunakan Metode Convolutional Neural Network (CNN). *Energy - Jurnal Ilmiah Ilmu-Ilmu Teknik*, 12(2), 9–16. <https://doi.org/10.51747/energy.v12i2.1118>
- Rismanto, R., Yunhasnawa, Y., & Mauliwidya, M. (2019). Pengembangan Sistem Pakar Untuk Diagnosa Penyakit Kulit Pada Manusia Menggunakan Metode Naïve Bayes. *Jurnal Ilmiah Teknologi Informasi Dan Robotika*, 1(1), 18–24. <https://doi.org/10.33005/jifti.v1i1.8>
- Sahrin, N., & Sularno, S. (2023). Rancang Bangun Sistem Informasi Geografis Menemukan Lokasi Dokter Hewan Berbasis Android. *Jurnal Teknologi Dan Sistem Informasi Bisnis*, 5(1), 21–32. <https://doi.org/10.47233/jteksis.v5i1.732>

- Saputra, A. I., Weni, I., Khaira, U., Info, A., & Kunci, K. (2023). Implementasi Metode Convolutional Neural Network Untuk Deteksi Penyakit Pada Tanaman Kopi Arabika Melalui Citra Daun Berbasis Android. *Decode: Jurnal Pendidikan Teknologi Informasi*, 4(1), 41–51. <https://doi.org/10.51454/decode.v4i1.231>
- Shafwah, D. A., Adriyani, R., Dewi, E. R., Prasasti, C. I., & Sham, S. M. (2022). Hubungan Perilaku dan Keluhan Penyakit Kulit pada Pengguna Pemandian Umum Bektiharjo, Tuban, Jawa Timur. *Jurnal Kesehatan Lingkungan Indonesia*, 21(3), 245–252. <https://doi.org/10.14710/jkli.21.3.245-252>
- Shaveta. (2023). A Review on Machine Learning Algorithms. *International Journal of Science and Research Archive*, 9(1), 281–285. https://doi.org/10.1007/978-981-15-6202-0_51
- Silitonga, S. B., & Suryana, A. (2023). Android Sebagai Media Pembelajaran Untuk Anak Usia Dini (Studi Kasus : TK Kuncup Harapan). *Jurnal Dharma Agung*, 31(1), 76–84. <https://doi.org/10.46930/ojsuda.v31i2.2341>
- Simanungkalit, A. P., Putri, N. A., & Tasril, V. (2023). Rancang Bangun Sistem Informasi Approval Dismantling NTE Telkom Akses dengan Metode RAD (Rapid Application Development). *Indonesian Journal of Education And Computer Science*, 1(1), 16–22. <https://doi.org/10.60076/indotech.v1i1.3>
- Sinambella, I. H. C., Andrawina, L., & Soesanto, R. P. (2023). Perancangan Sistem Informasi Manajemen Administrasi Pengajuan Kenaikan Jabatan Akademik Dosen (JAD) Fakultas Rekayasa Industri Telkom University Berbasis Web Menggunakan Metode Rapid Application Development. *E-Proceeding of Engineering*, 10(3), 2729–2732. <https://openlibrarypublications.telkomuniversity.ac.id/index.php/engineering/article/view/20511>

- Sperling, E. (2018). *Deep Learning Spreads*. Retrieved from <https://semiengineering.com/deep-learning-spreads/>, diakses pada 26 Desember 2023
- Sukanto, R. A., & Salahuddin, M. (2016). *Rekayasa Perangkat Lunak: Terstruktur dan Berorientasi Objek* (Keempat). Bandung: Informatika. https://www.scribd.com/embeds/430589373/content?start_page=1&view_mode+scroll&access_key=key-fFexxf7r1bzEfWu3HKwf
- Supirman, Lubis, C., Yuliarto, D., & Perdana, N. J. (2023). Klasifikasi Penyakit Kulit Menggunakan Convolutional Neural Network (CNN) Dengan Arsitektur VGG16. *Simtek: Jurnal Sistem Informasi Dan Teknik Komputer*, 8(1), 135–140. <https://doi.org/10.51876/simtek.v8i1.217>
- Susilo, B., Kusuma, G. H., Fikri, M. H., Saputri, R., Putri, R. A., Rohimah, S., & Hamzah, M. L. (2023). Rancang Bangun Sistem Informasi Keuangan Pada Kantor Lurah Kotabaru Retej Dengan Metode Rapid Application Development (RAD). *Jurnal Testing Dan Implementasi Sistem Informasi*, 1(1), 17–28. <https://journal.al-matani.com/index.php/jtisi/article/view/323>
- Taufik, A., Sudarsono, B. G., Budiyantra, A., Sudaryana, I. K., & Muryono, T. T. (2022). *Pengantar Teknologi Informasi Sutarman* (J. Hutahaean & M. Amin (eds.)). Banyumas: CV Pena Persada. <http://badanpenerbit.org/index.php/dpi/press/article/view/18>
- Trasia, R. F. (2021). Scabies in Indonesia: Epidemiology and Prevention. *Insights in Public Health Journal*, 1(2), 30. <https://doi.org/10.20884/1.iphj.2020.1.2.3071>
- Unhan RI. (2023). *Rektor Unhan RI Pimpin Upacara Pembukaan Cadet On Military Basic Training (COMBAT) Batch-2*. Retrieved from <https://www.idu.ac.id/berita/rektor-unhan-ri-pimpin-upacara-pembukaan-cadet-on-military-basic-training-combat-batch-2.html>, diakses pada 11 Desember 2023

- Velasco, J., Pascion, C., Alberio, J. W., Apuang, J., Cruz, J. S., Gomez, M. A., Molina, B., Tuala, L., Thio-Ac, A., & Jorda, R. (2019). A Smartphone-Based Skin Disease Classification Using MobileNet CNN. *International Journal of Advanced Trends in Computer Science and Engineering*, 8(5), 2632–2637. <https://doi.org/10.30534/ijatcse/2019/116852019>
- Widaty, S., Soebono, H., Nilasari, H., Listiawan, Y., Siswati, A. S., Triwahyudi, D., Rosita, C., Hindritiani, R., Yenny, S. W., & Menaldi, S. L. (2017). *Panduan Praktik Klinis*. Jakarta Pusat: PP Perdoski.
- Wolff, K., Johnson, R. A., & Saavedra, A. (2013). *Fitzpatrick's Dermatology Flash Cards* (1st Editio). New York: McGraw Hill / Medical.
- Yohannes, Y., Devella, S., & Arianto, K. (2020). Deteksi Penyakit Malaria Menggunakan Convolutional Neural Network Berbasis Saliency. *JUITA: Jurnal Informatika*, 8(1), 37. <https://doi.org/10.30595/juita.v8i1.6671>
- Yong, L., Ma, L., Sun, D., & Du, L. (2023). Application of MobileNetV2 to Waste Classification. *PLoS ONE*, 18(3), 1–16. <https://doi.org/10.1371/journal.pone.0282336>
- Yotsu, R. R., Ding, Z., Hamm, J., & Blanton, R. E. (2023). Deep Learning For AI-Based Diagnosis of Skin-Related Neglected Tropical Diseases: A Pilot Study. *PLoS Neglected Tropical Diseases*, 17(8), 1–12. <https://doi.org/10.1371/journal.pntd.0011230>