

DAFTAR PUSTAKA

- Abdurrahman N, Rahmat B, Sihananto AN. 2023. Perbandingan Performa Klasifikasi Citra Ikan Menggunakan Metode K-Nearest Neighbor (K-NN) Dan Convolutional Neural Network (CNN). *Jurnal Sistem Informasi dan Informatika (JUSIFOR)*. 2(2):84–93. <https://doi.org/10.33379/jusifor.v2i2.3728>.
- Aida Nuraeni A, Akbar FM, Rafly Pratama M, Vernanda D, Herdiawan TA, Piarna R, Azariah S. 2024. Sistem Informasi PSB dengan Menggunakan Metode Rapid Application Development (RAD) Berbasis Dekstop. *Journal Computer and Technology*. 2(2). <https://doi.org/10.69916/comtechno.v2i2.197>.
- Aldauria S, Karnan K, Yamin M, Merta IW. 2025. Reproductive Aspects of Scad Fish (Selar crumenophthalmus) Landed at the Fish Landing Base of PPI Tanjung Luar, East Lombok. *Jurnal Pijar Mipa*. 20(8):1584–1590. <https://doi.org/10.29303/jpm.v20i8.11185>.
- Alsajri A, Hacimahmud AV. 2023. Review of deep learning: Convolutional Neural Network Algorithm. *Babylonian Journal of Machine Learning*. 2023:19–25. <https://doi.org/10.58496/BJML/2023/004>.
- Android Developers. Migrate from SQLite to room | App data and files | Android developers. [diakses 2026 Apr 28]. <https://developer.android.com/training/data-storage/room/sqlite-room-migration>.
- Apa itu convolutional neural network? IBM - United States., siap terbit. [diakses 2025 Okt 31]. <https://www.ibm.com/id-id/think/topics/convolutional-neural-networks>.
- Arfianto B, Prapanca A. 2024. Analisis Perbandingan Performa Pola Arsitektur Model-View-ViewModel (MVVM) dan Model-View-Presenter (MVP) pada Pengembangan Aplikasi Desa Wisata Berbasis Android. *Journal of Informatics and Computer Science*. 06.
- Arifuddin N, Andriyani W, Dahlan A, Insani C, Nur N, Arifin N, Situju S, Setiawan H, Sutanto A, Kristanto T, et al. 2025. *Machine Learning*.
- Arnita, Marpaung F, Aulia F, Suryani N, Nabila RC. 2022. *Computer Vision dan Pengolahan Citra Digital*. Surabaya: PUSTAKA AKSARA.
- Arrank Tonapa W, D.K. Manembu P, D. Kambey F. 2024. Klasifikasi Ikan Cakalang dan Tongkol Menggunakan Convolutional Neural Network. *Jurnal Teknik Informatika*. 19(01):31–36. <https://doi.org/10.35793/jti.v19i01.52013>.
- Budiasto J, Jayawardana H, Rahayu TK, Putra NP. 2026. Klasifikasi Penyakit Daun Jagung Menggunakan MobileNetV2 dan TensorFlow Lite untuk Deployment Mobile di Distrik Semangga Merauke Corn Leaf Disease Classification Using

- MobileNetV2 and TensorFlow Lite for Mobile Deployment in Semangga District Merauke. 15(01):26–34. <https://doi.org/10.35724/mustek.v15i01.7576>.
- Chandran VP, Balakrishnan A, Rashid M, Kulyadi GP, Khan S, Devi ES, Nair S, Thunga G. 2022. Mobile applications in medical education: A systematic review and meta-analysis. *PLoS One*. 17 3 March. <https://doi.org/10.1371/journal.pone.0265927>.
- Datau F, Taha SR, Zainudin S, Syayuti M, Mokodongan A. 2023. Pelatihan Pengolahan Ikan Jawa Menjadi Kerupuk Didesa Pentadio Barat Kecamatan Telaga Biru Kabupaten Gorontalo. *Jambura Journal of Husbandry and Agriculture Community Serve.*, siap terbit.
- Dijaya R. 2023. *Buku Ajar Pengolahan Citra Digital*. Sidoarjo: Umsida Press.
- Fatha Amanda A, Fahri Afrizal M, Sugiarti Y. 2024. Penerapan Metode Rapid Application Development (RAD) dalam Pelatihan Pembuatan Aplikasi Sederhana. 4(2):109–118.
- Gulzar Y. 2023. Fruit Image Classification Model Based on MobileNetV2 with Deep Transfer Learning Technique. *Sustainability (Switzerland)*. 15(3). <https://doi.org/10.3390/su15031906>.
- Hanifa MF, Ramadhan AT, Husna N, Widiyono NA, Mubarak RS, Putri AA, Priyanta S. 2023. Fishku Apps: Fishes Freshness Detection Using CNN With MobilenetV2. *IJCCS (Indonesian Journal of Computing and Cybernetics Systems)*. 17(1):67. <https://doi.org/10.22146/ijccs.80049>.
- Hartono B. 2022. *Pemrograman Java untuk Pemula*. Santoso JT, editor. Semarang: Yayasan Prima Agus Teknik.
- Hastuti D, Arief Y. 2020. *Dasar-dasar Pemrograman Java untuk Pemula Menggunakan NetBeans*. Surabaya: Adi Buana University Press.
- Hidayat T, Boer M, Kamal MM, Zairion, Suman A. 2022. Biologi, Dinamika Populasi dan Strategi Pengelolaan Tongkol Abu-abu (*Thunnus tonggol*) di Laut Jawa. IPB University.
- Indonesia. Kementerian Kesehatan RI. 2020. Tabel Komposisi Pangan Indonesia.
- Kartikaningsih H. 2023. Distribusi Ukuran Panjang dan Hubungan Panjang Berat Ikan Tuna Sirip Kuning (*Thunnus albacares*, Bonnaterre, 1788) Hasil Tangkapan Pancing Ulur yang Didaratkan di TPI Pondokdadap, Sendangbiru. *JFMR-Journal of Fisheries and Marine Research*. 7(2). <https://doi.org/10.21776/ub.jfmr.2023.007.02.8>.

- Kementerian Kelautan dan Perikanan Republik Indonesia. 2024 Okt 15. Produksi Perikanan. *KKP RI*, siap terbit. [diakses 2025 Sep 20]. <https://portaldata.kkp.go.id/datainsight/produksi-ikan-total>.
- Kesehatan F, Akbar Wibowo D, Nurbaeri Zen D, Sasyari U, Qoriatun Safiah D, Afriansyah B, Wifa Sapira N, Artikel R, Kunci K, Gizi E, *et al.* 2024. Optimalisasi Asupan Gizi Batita melalui Konsumsi Ikan Nila: Program Edukasi Kesehatan Masyarakat di Wilayah kerja Puskesmas Baregbeg Kabupaten Ciamis. *JPKMU: Jurnal Pengabdian Kepada Masyarakat Kesehatan Galuh*. 1(2). <https://doi.org/10.25157/jpkmu.v1i1.15702>.
- Laoli D, Waruwu E, Telaumbanua BV, Zebua RD, Nazara RV. 2023. Productivity Of Snakehead Fish (*Channa striata*) as a Source of Wound Healing. *Asian Journal of Aquatic Sciences*. 6(2):288–292. <https://doi.org/10.31258/ajoas.6.2.288-292>.
- Mafazi L, Akhsani Z, Fadillah F, Mulyana Iskandar D, Akbar Y, Hidayat AZ, Studi P, Informatika T, Tinggi S, Komputer I, *et al.* 2025. Pengembangan Fitur Pencarian dan Filter Produk pada Aplikasi E-Commerce Gallery Muslim Berbasis Android. Volume ke-6. <https://journal.stmiki.ac.id>.
- Muharram RF. 2021. Implementasi Artificial Intelligence Untuk Deteksi Masker Secara Realtime Dengan Tensorflow Dan SSD Mobilenet Berbasis Python. *JRKT (Jurnal Rekayasa Komputasi Terapan)*. 1(03). <https://doi.org/10.30998/jrkt.v1i03.5832>.
- Muslem IR, Johan TM. 2023. KLIK: Kajian Ilmiah Informatika dan Komputer Klasifikasi Citra Ikan Menggunakan Algoritma Convolutional Neural Network dengan Arsitektur VGG-16. *Media Online*. 4(2):978–985. <https://doi.org/10.30865/klik.v4i2.1209>.
- NG Karthikeyan. 2018. *Machine Learning Projects for Mobile Applications : Build Android and IOS Applications Using TensorFlow Lite and Core ML*. Packt Publishing Ltd.
- Nugroho GD, Santoso IB, Aji IP, Franskusuma S, Putri KA, Adharani Y, Mujiastuti R, Ambo SN, Meilina P, Rosanti N, *et al.* 2025. Educating on the Application of Tensorflow in Artificial Intelligence, Machine Learning and Deep Learning. Volume ke-4. Maret.
- Pasla BN. 2023. 13 Manfaat Ikan Lele untuk Kesehatan dan Kandungan Nutrisinya. *BAMS*, siap terbit. <https://bnp.jambiprov.go.id/13-manfaat-ikan-lele-untuk-kesehatan-dan-kandungan-nutrisinya/>.
- Prananto MT, Raafi'udin R, Adrezo M, Pradana MG, Arifuddin NA. 2025. Prediksi Coffee Brewing Level Berbasis Data Spektroskopi Menggunakan Deep Learning. *Jurnal Informatika: Jurnal Pengembangan IT*. 10(3):628–639. <https://doi.org/10.30591/jpit.v10i3.8710>.

- Purnomo DR, Kurniawati ID, Sofyana STT L. 2023. Design and Build a Quality Assurance Document Archiving Application Using the Rapid Application Development. *Journal of Computer Networks, Architecture and High Performance Computing*. 5(2):544–551. <https://doi.org/10.47709/cnahpc.v5i2.2521>.
- Purwono P, Ma'arif A, Rahmaniar W, Fathurrahman HIK, Frisky AZK, Haq QM ul. 2023. Understanding of Convolutional Neural Network (CNN): A Review. *International Journal of Robotics and Control Systems*. 2(4):739–748. <https://doi.org/10.31763/ijrcs.v2i4.888>.
- Putra OV, Mustaqim MZ, Muriatmoko D. 2023. Transfer Learning untuk Klasifikasi Penyakit dan Hama Padi Menggunakan MobileNetV2. *TechnoCom*. 22(3):562–575. <https://doi.org/10.33633/tc.v22i3.8516>.
- Putra YWS, Dawis AM, Novi N, Natsir F, Fitria F, Widhiyanti AAS, Hasan FN, Somantri S, Maniah. 2023. *Pengantar Aplikasi Mobile*. Sukabumi: Penerbit Widina.
- Putri MI, Suparno S, Junaidi J. 2025. Kajian Morfometrik dan Meristik Ikan Kembung (*Rastrelliger sp*) di Pasia Nan Tigo dan Koto XI Tarusan, Sumatera Barat. *SEMAH Jurnal Pengelolaan Sumberdaya Perairan*. 9(1):35–40. <https://doi.org/10.36355/semahjpsp.v9i1.1694>.
- Raup A, Ridwan W, Khoeriyah Y, Yuliaty Zaqiah Q, Islam Negeri Sunan Gunung Djati Bandung U. 2022. Deep Learning dan Penerapannya dalam Pembelajaran. *Jurnal Ilmiah Ilmu Pendidikan*. 5(9). <http://jiip.stkipyapisdompou.ac.id>.
- Riyanto, Priadi AA, Simanjuntak MB, Harry Khoumas Saputra M, Pria Utama Y. 2025. Fish Species Identification Using Transfer Learning: A Case Study in Aquatic Ecosystem Conservation. *Journal of Engineering Science and Technology Special Issue on STIPCON2024*. 20(5):70–77.
- Saputry AM, Latuconsina H. 2022. Evaluasi Pembenihan Ikan Nila (*Oreochromis niloticus*) di Instalasi Perikanan Budidaya, Kepanjen - Kabupaten Malang. *JUSTE (Journal of Science and Technology)*. 3(1):80–89. <https://doi.org/10.51135/justevol3issue1page80-89>.
- Sathyanarayanan S. 2024 Nov 30. Confusion Matrix-Based Performance Evaluation Metrics. *African Journal of Biomedical Research*., siap terbit.
- Shuvo AA, Bhuian WJO, Rahman A, Iqbal A. 2025. EinsteinNet and state-of-the-art ML models for android-based orange classification: Integration, evaluation, and deployment. *Smart Agricultural Technology*. 12. <https://doi.org/10.1016/j.atech.2025.101072>.

- Syahidi AA. 2024. *Pengolahan Citra Digital dan Dasar Visi Komputer dengan Python*. Banjarmasin: Poliban Press.
- Taufiq A, Pratama M, Pratama AR. 2021. Rancang Bangun Aplikasi Android “Kuliah Apa?” Berbasis Flutter dan TensorFlow Lite.
- Tuli M. 2018. *Sumber Daya Ikan Cakalang*. Misilu NFY, editor. Gorontalo: Ideas Publishing.
- Uminingsih, Nur Ichsanudin M, Yusuf M, Suraya S. 2022. Pengujian Fungsional Perangkat Lunak Sistem Informasi Perpustakaan dengan Metode Black Box Testing bagi Pemula. *STORAGE: Jurnal Ilmiah Teknik dan Ilmu Komputer*. 1(2):1–8. <https://doi.org/10.55123/storage.v1i2.270>.
- Valerian A, Bernady D, Wahyudi F, Pratama Dinatha J, Dhylan Barletyano O. 2025. IMPLEMENTASI UNIT TESTING, INTEGRATION TESTING, SYSTEM TESTING, DAN VALIDATION TESTING PADA APLIKASI BERBASIS WEBSITE. *JATI (Jurnal Mahasiswa Teknik Informatika)*. 9(4):6354–6362. <https://doi.org/10.36040/jati.v9i4.14067>.
- Wadhiesta IKKD, Nrrartha IMA. 2024. Pembuatan Aplikasi Pemilah Jenis Sampah Berbasis Android Menggunakan Android Studio. *Jurnal Nasional Komputasi dan Teknologi Informasi (JNKTI)*. 7(6):1716–1721. <https://doi.org/10.32672/jnkti.v7i6.8257>.
- Wicaksono SR. 2022. *Blackbox Testing Teori dan Studi Kasus*. Malang: Seribu Bintang.
- Wujdi A, Kim HJ, Oh CW. 2022. Population Structure of Indian Mackerel (*Rastrelliger kanagurta*) in Java and Bali Island, Indonesia Inferred from Otolith Shape. *Sains Malays*. 51(1):39–50. <https://doi.org/10.17576/jsm-2022-5101-04>.
- Yoan Phanita A, Supratman O, Bidayani E. 2021. Aquatic Science Analysis of Fish Consumption Level in Toboali District and Lepar Pongok District in South Bangka Regency. *Jurnal Ilmu Perairan*. 1. <http://journal.ubb.ac.id/index.php/aquaticscience>.
- Yong L, Ma L, Sun D, Du L. 2023. Application of MobileNetV2 to waste classification. *PLoS One*. 18 3 March. <https://doi.org/10.1371/journal.pone.0282336>.
- Zahra FA, Annisa, Firmansyah N. 2025. Klasifikasi Citra Jenis Ikan Air Tawar dan Air Laut Menggunakan Algoritma CNN (Convolutional Neural Network). *Jurnal Informatika Polinema*. 11(4):495–502. <https://doi.org/10.33795/jip.v11i4.7600>.

Zhao X, Wang L, Zhang Y, Han X, Deveci M, Parmar M. 2024. A review of convolutional neural networks in computer vision. *Artif Intell Rev.* 57(4):99. <https://doi.org/10.1007/s10462-024-10721-6>.