

## DAFTAR PUSTAKA

- [1] D. Triyanto, M. Zidan, M. Wahyudi, L. Pujiastuti, dan S. Sumanto, “Pengembangan sistem deteksi objek botol real-time dengan YOLOv8 untuk aplikasi vision,” *Indonesian Journal Computer Science*, vol. 3, no. 1, pp. 44–50, 2024, doi:10.31294/ijcs.v3i1.6070.
- [2] J. Ling, Z. Fu, dan X. Yuan, “Lightweight coal mine conveyor belt foreign object detection based on improved YOLOv8n,” *Scientific Reports*, vol. 15, no. 1, p. 10361, 2025, doi: 10.1038/s41598-025-87848-1.
- [3] S. K. Devineni, “AI-enhanced data visualization: transforming complex data into actionable insights,” *Journal of Technology and Systems*, vol. 6, no. 3, pp. 52–77, 2024, doi: 10.47941/jts.1911.
- [4] J. R. Hidayat, “Implementasi klasifikasi citra berbasis TensorFlow untuk mendeteksi penyakit tanaman pada aplikasi Agroskan,” *Jurnal Fasilkom*, vol. 15, no. 1, pp. 124–130, 2025, doi: 10.37859/jf.v15i1.8536.
- [5] F. B. Laksono, “Deteksi penyakit tanaman dengan convolution neural network: kombinasi arsitektur VGG16 dan ResNet34 untuk klasifikasi daun,” *Jurnal Komputer dan Teknologi Informasi*, vol. 2, no. 2, 2024, doi: 10.26714/jkti.v2i2.13932.
- [6] D. G. Manurung et al., “Deteksi dan klasifikasi hama potato beetle pada tanaman kentang menggunakan YOLOv8,” *Jurnal Teknologi Informasi dan Ilmu Komputer*, vol. 11, no. 4, pp. 723–734, 2024, doi: 10.25126/jtiik.1148092.
- [7] L. Najmi, S. P. Sari, dan Y. Yaherwandi, “Study of yellow leaf virus disease on eggplant (*Solanum melongena* L.) in West Sumatra,” *Agrovigor: Jurnal Agroekoteknologi*, vol. 17, no. 1, pp. 44–47, 2024, doi: 10.21107/agrovigor.v17i1.24965.
- [8] W. P. N. Putra, A. I. Pradana, dan N. Nurchim, “Implementasi sistem penghitungan volume kendaraan menggunakan YOLOv8,” *Jurnal Fasilkom*, vol. 14, no. 2, pp. 443–450, 2024, doi: 10.37859/jf.v14i2.7395.
- [9] F. Schneider, J. Swiatek, dan M. Jelali, “Detection of growth stages of chilli plants in a hydroponic grower using machine vision and YOLOv8 deep learning algorithms,” 2024, doi: 10.3390/su16156420.
- [10] S. Saepudin, N. Sujana, M. M. Mutoffar, dan A. A. Haryanto, “Analisis kinerja YOLOv8 optimalisasi Roboflow untuk deteksi ekspresi wajah emosional dengan machine learning,” *Naratif: Jurnal Nasional Riset, Aplikasi dan Teknik Informatika*, vol. 6, no. 2, pp. 115–124, 2024, doi: 10.53580/naratif.v6i2.292.
- [11] N. P. Sutrisna et al., “Deteksi tingkat kematangan buah pepaya menggunakan model convolutional neural network,” *Jurnal Teknologi Informasi dan Ilmu Komputer*, vol. 11, no. 3, pp. 569–578, 2024, doi: 10.25126/jtiik.938119.
- [12] T. Gori, A. Sunyoto, dan H. Al Fatta, “Preprocessing data dan klasifikasi untuk prediksi kinerja akademik siswa,” *Jurnal Teknologi Informasi dan Ilmu Komputer*, vol. 11, no. 1, pp. 215–224, 2024, doi: 10.25126/jtiik.20241118074.
- [13] R. Rofik, R. Aulia, K. Musaadah, S. S. F. Ardyani, dan A. A. Hakim, “The optimization of credit scoring model using stacking ensemble learning and oversampling techniques,” *Journal of Information System Exploration and Research*, vol. 2, no. 1, 2024, doi: 10.52465/joiser.v2i1.203.

- [14] P. Alipour dan E. Gallegos, “Leveraging generative AI synthetic and social media data for content generalizability to overcome data constraints in vision deep learning,” *Artificial Intelligence Review*, vol. 58, no. 5, p. 145, 2025, doi: 10.21203/rs.3.rs-5423676/v1.
- [15] Y. Luo et al., “A field rice panicle detection model based on improved YOLOv11x,” *Frontiers in Plant Science*, vol. 16, p. 1656505, 2025, doi: 10.3389/fpls.2025.1656505.
- [16] P. S. B. Ghawate, “Handling unstructured image using generative AI and Dev-Ops,” *International Journal for Research in Applied Science and Engineering Technology*, vol. 12, no. 4, pp. 3340–3350, 2024, doi: 10.22214/ijraset.2024.60599.
- [17] U. Ali, M. A. Ismail, R. A. Habeeb, dan S. A. Shah, “Performance evaluation of YOLO models in plant disease detection,” *Journal of Informatics and Web Engineering*, vol. 3, no. 2, pp. 199–211, 2024, doi: 10.33093/jiwe.2024.3.2.15.
- [18] H. Wang, W. Yang, L. Yin, Y. Liu, dan D. Wang, “FDS-YOLOv8: an improved YOLOv8 model for crop condition detection under severe weather conditions,” *Research Square*, preprint, 2024, doi: 10.21203/rs.3.rs-5304939/v1.
- [19] C. Liu, “Advancing strawberry disease detection in agriculture: a transfer learning approach with YOLOv5 algorithm,” *International Journal of Advanced Computer Science & Applications*, vol. 15, no. 3, 2024, doi: 10.14569/IJACSA.2024.01503101.