

## DAFTAR PUSTAKA

- [1] “Statistik Penduduk Lanjut Usia 2021”.
- [2] Fera D, Husna A, “Hubungan Dukungan Keluarga Dengan Kemandirian Lansia Dalam Pemenuhan Aktivitas Sehari-hari Di Desa Alue Tho Kecamatan Seunagan Kabupaten Nagan Raya”, [Online]. Available: [www.utu.ac.id](http://www.utu.ac.id)
- [3] W. W. Hsu, J. M. Guo, C. Y. Chen, and Y. C. Chang, “Fall Detection with the Spatial-Temporal Correlation Encoded by a Sequence-to-Sequence Denoised GAN,” Sensors, vol. 22, no. 11, Jun. 2022, doi: 10.3390/s22114194.
- [4] B. Isna Nabila, W. E. Kurniawan, M. Maryoto, F. Kesehatan, and U. Harapan Bangsa, “Gambaran Tingkat Demensia pada Lansia di Rojinhome Ikedaen Okinawa Jepang,” Jurnal Ilmiah Indonesia, vol. 2022, no. 8, pp. 671–681, doi: 10.36418/cerdika.v2i8.425.
- [5] A. permana Sanusi, A. Hariyadi, M. Nanak Zakaria, P. Studi Jaringan Telekomunikasi Digital, J. Teknik Elektro, and P. Negeri Malang, “E-ISSN: 2654-6531,” 2020.
- [6] H. G. Kim and G. Y. Kim, “Deep Neural Network-Based Indoor Emergency Awareness Using Contextual Information from Sound, Human Activity, and Indoor Position on Mobile Device,” IEEE Transactions on Consumer Electronics, vol. 66, no. 4, pp. 271–278, Nov. 2020, doi: 10.1109/TCE.2020.3015197.
- [7] D. Bhatt et al., “Cnn variants for computer vision: History, architecture, application, challenges and future scope,” Electronics (Switzerland), vol. 10, no. 20. MDPI, Oct. 01, 2021. doi: 10.3390/electronics10202470.
- [8] G. Deepa, V. Suresh Kumar, H. Baskar, H. Prakathish, and D. Kumar, “Domestic-Monitoring System For The Elderly Using Deep Learning Domestic-Monitoring System for The Elderly Using Deep Learning 5238,” 2021.
- [9] M. Almutairi, L. A. Gabralla, S. Abubakar, and H. Chiroma, “Detecting Elderly Behaviors Based on Deep Learning for Healthcare: Recent Advances, Methods, Real-World Applications and Challenges,” IEEE Access, vol. 10, pp. 69802–69821, 2022, doi: 10.1109/ACCESS.2022.3186701.
- [10] Y. J. Park, H. Ro, N. K. Lee, and T. D. Han, “Deep-care: Projection-based home care augmented reality system with deep learning for elderly,” Applied Sciences (Switzerland), vol. 9, no. 18, Sep. 2019, doi: 10.3390/app9183897.
- [11] Lukman Nul Hakim and Pusat Penelitian Badan Keahlian DPR RI, “Urgensi Revisi Undang-Undang tentang Kesejahteraan Lanjut Usia,” Jurnal Masalah-Masalah Sosial, vol. Volume 11, Jun. 2020, doi: 10.22212/aspirasi.v11i1.1589.
- [12] G. Fortino and Institute of Electrical and Electronics Engineers, Proceedings of the 2020 IEEE International Conference on Human-Machine Systems (ICHMS) : Sept 7-9, 2020, Rome, Italy.

- [13] W. W. Hsu, J. M. Guo, C. Y. Chen, and Y. C. Chang, “Fall Detection with the Spatial-Temporal Correlation Encoded by a Sequence-to-Sequence Denoised GAN,” *Sensors*, vol. 22, no. 11, Jun. 2022, doi: 10.3390/s22114194.
- [14] Khairunnas, Yuniarno Eko Mulyanto, and Zaini Ahmad, “Pembuatan Modul Deteksi Objek Manusia Menggunakan Metode YOLO untuk Mobile Robot,” *JURNAL TEKNIK ITS*, vol. Vol. 10, no. No. 1, 2021, doi: 10.12962/j23373539.v10i1.61622.
- [15] C.-Y. Wang, A. Bochkovskiy, and H.-Y. M. Liao, “YOLOv7: Trainable bag-of-freebies sets new state-of-the-art for real-time object detectors,” Jul. 2022, [Online]. Available: <http://arxiv.org/abs/2207.02696>
- [16] S. Raschka, J. Patterson, and C. Nolet, “Machine learning in python: Main developments and technology trends in data science, machine learning, and artificial intelligence,” *Information* (Switzerland), vol. 11, no. 4. MDPI AG, Apr. 01, 2020. doi: 10.3390/info11040193.
- [17] Piatetsky, G. Python Leads the 11 Top Data Science, Machine Learning Platforms: Trends and Analysis. 2019. Available online: <https://www.kdnuggets.com/2019/05/poll-top-data-science-machine-learningplatforms.html> (accessed on 1 February 2020).
- [18] A. Yakovlev, O. Lisovychenko, “An Approach For Image Annotation Automatization For Artificial Intelligence Models Learning”. 2020.
- [19] Ranjani, J., Sheela, A., & Meena, K. P. (2019). Combination of NumPy, SciPy and Matplotlib/Pylab -a good alternative methodology to MATLAB - A Comparative analysis. 2019 1st International Conference on Innovations in Information and Communication Technology (ICIICT). doi:10.1109/iciict1.2019.8741475
- [20] S. Parveen and J. Shah, “A motion detection system in python and opencv,” in Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021, Institute of Electrical and Electronics Engineers Inc., Feb. 2021, pp. 1378–1382. doi: 10.1109/ICICV50876.2021.9388404.
- [21] Bajpai A, Jain N, “A Project Report on Python GUI for Image Processing Applications”. 2021.
- [22] Wang B, “Programming for Qualitative Data Analysis: Towards a YAML Workflow”. 2022.
- [23] Kumar, A., & Panda, S. P. (2019). A Survey: How Python Pitches in IT-World. 2019 International Conference on Machine Learning, Big Data, Cloud and Parallel Computing (COMITCon). doi:10.1109/comitcon.2019.8862251.
- [24] M. N. Gevorkyan, A. V. Demidova, T. S. Demidova, and A. A. Sobolev, “Review and comparative analysis of machine learning libraries for machine learning,” *Discrete and Continuous Models and Applied Computational Science*, vol. 27, no. 4, pp. 305–315, Dec. 2019, doi: 10.22363/2658-4670-2019-27-4-305-315.

- [25] Iorga, C., & Neagoe, V.-E. (2019). A Deep CNN Approach with Transfer Learning for Image Recognition. 2019 11th International Conference on Electronics, Computers and Artificial Intelligence (ECAI). doi:10.1109/ecai46879.2019.9042173.
- [26] C. O. da Costa-Luis, “tqdm: A Fast, Extensible Progress Meter for Python and CLI,” J Open Source Softw, vol. 4, no. 37, p. 1277, May 2019, doi: 10.21105/joss.01277.
- [27] C. Hummert and D. Pawlaszczyk, Mobile Forensics – The File Format Handbook. Springer International Publishing, 2022. doi: 10.1007/978-3-030-98467-0.
- [28] Irhas Syah, Yelva Febriani, Annisa Adenikheir, "RESIKO JATUH LANSIA BERHUBUNGAN DENGAN HYPERKIFOSIS DAN BODY MASS INDEX LANSIA DI KOTA PAYAKUMBUH," Physio Move Journal, vol. 1, no. 2, pp. 38-42, 2022.