

References

- [1] D. F. Silalahi, A. Blakers, and C. Cheng, “100% renewable electricity in Indonesia,” *Energies*, vol. 17, no. 1, article 3, Dec. 2023, doi: 10.3390/en17010003.
- [2] Y. Harjoseputro, “A classification Javanese letters model using a convolutional neural network with KERAS framework,” *Int. J. Adv. Comput. Sci. Appl.*, vol. 11, no. 10, 2020, doi: 10.14569/IJACSA.2020.0111014.
- [3] A. A. Hidayat, K. Purwandari, T. W. Cenggoro, and B. Pardamean, “A convolutional neural network-based ancient Sundanese character classifier with data augmentation,” *Procedia Comput. Sci.*, vol. 179, pp. 195–201, 2021, doi: 10.1016/j.procs.2020.12.025.
- [4] H. Kaur and M. Kumar, “On the recognition of offline handwritten word using holistic approach and AdaBoost methodology,” *Multimedia Tools Appl.*, vol. 80, no. 7, pp. 11155–11175, 2021, doi: 10.1007/s11042-020-10297-7.
- [5] L. Alzubaidi, J. Zhang, A. J. Humaidi, A. Al-Dujaili, Y. Duan, O. Al-Shamma, J. Santamaría, M. A. Fadhel, M. Al-Amidie, and L. Farhan, “Review of deep learning: concepts, CNN architectures, challenges, applications, future directions,” *Journal of Big Data*, vol. 8, no. 1, pp. 1–36, Dec. 2021, doi: 10.1186/s40537-021-00444-8.
- [6] L. Alzubaidi, J. Zhang, A. J. Humaidi, A. Al-Dujaili, Y. Duan, O. Al-Shamma, J. Santamaría, M. A. Fadhel, M. Al-Amidie, and L. Farhan, “Review of deep learning: concepts, CNN architectures, challenges, applications, future directions,” *Journal of Big Data*, vol. 8, no. 1, pp. 1–36, Dec. 2021, doi: 10.1186/s40537-021-00444-8.
- [7] N. P. Sutramiani, N. Suciati, and D. Siahaan, “Transfer learning on Balinese character recognition of lontar manuscript using MobileNet,” in Proc. 4th Int. Conf. Informatics Comput. Sci. (ICICoS), 2020, pp. 1–5, doi: 10.1109/ICICoS51170.2020.9299030.
- [8] R. Sutjiadi, T. J. Pattiasina, and P. Santoso, ”The implementation of deep learning technique in mobile application as a preservation and learning media of Javanese letter,” in *Sustainability in Creative Industries*, M. N. Tunio, A. Sánchez, Y. M. L. Hatem, and A. M. Zakaria, Eds. Cham: Springer Nature Switzerland, 2024, pp. 161–169. doi: 10.1007/978-3-031-48453-7_16.
- [9] A. Susanto, I. U. W. Mulyono, C. A. Sari, E. H. Rachmawanto, D. R. I. M. Setiadi, and M. K. Sarker, “Handwritten Javanese script recognition method based 12-layers deep convolutional neural network and data augmentation,” *IAES Int. J. Artif. Intell.*, vol. 12, no. 3, pp. 1448–1458, 2023, doi: 10.11591/ijai.v12.i3.pp1448-1458.
- [10] J. A. Campos-Leal, A. Yee-Rendón, and I. F. Vega-López, “Simplifying VGG-16 for plant species identification,” *IEEE Latin America Trans.*, vol. 20, no. 11, pp. 2330–2338, 2022, doi: 10.1109/TLA.2022.9904757.
- [11] S. H. S. Basha, S. R. Dubey, V. Pulabaigari, and S. Mukherjee, “Impact of fully connected layers on performance of convolutional neural networks for image classification,” *Neurocomputing*, vol. 378, pp. 112–119, 2020, doi: 10.1016/j.neucom.2019.10.008.
- [12] D. Kusumawati, A. A. Ilham, A. Achmad, and I. Nurtanio, “VGG-16 and VGG-19 architecture models in lie detection using image processing,” in Proc. 6th Int. Conf. Inf. Technol., Inf. Syst. Electr. Eng. (ICITISEE), Yogyakarta, Indonesia, 2022, pp. 340–345, doi: 10.1109/ICITISEE57756.2022.10057748.
- [13] M. Ye, X. Zhou, H. Zhao, Y. Chen, and J. Yang, “A lightweight model of VGG-16 for remote sensing image classification,” *IEEE J. Sel. Top. Appl. Earth Obs. Remote Sens.*, vol. 14, pp. 6916–6922, 2021, doi: 10.1109/JSTARS.2021.3090085.

- [14] R. O. Ogundokun, R. Maskeliunas, S. Misra, and R. Damasevicious, "Improved CNN based on batch normalization and Adam optimizer," in Computational Science and Its Applications – ICCSA 2022 Workshops, ser. Lecture Notes in Computer Science, vol. 13381, O. Gervasi et al., Eds. Cham, Switzerland: Springer, 2022.
- [15] A. Lyutov, Y. Uygun, and M. T. H'utt, "Machine learning misclassification of academic publications reveals non-trivial interdependencies of scientific disciplines," *Scientometrics*, vol. 126, pp. 1173–1186, 2021, doi: 10.1007/s11192-020-03789-8.
- [16] C. Esposito, G. Landrum, N. Schneider, N. Stiefl, and S. Riniker, "GHOST: Adjusting the Decision Threshold to Handle Imbalanced Data in Machine Learning," *Journal of Chemical Information and Modeling*, vol. 61, no. 6, pp. 2623–2640, Jun. 2021, doi: 10.1021/acs.jcim.1c00160.
- [17] B. Dastjerdy, A. Saeidi, and S. Heidarzadeh, "Review of Applicable Outlier Detection Methods to Treat Geomechanical Data," *Geotechnics*, vol. 3, no. 2, pp. 375–396, May 2023, doi: 10.3390/geotechnics3020022.