DAFTAR PUSTAKA

Alanazi, M., Aldahr, R. S., & Ilyas, M. (2024). *Human Activity Recognition through Smartphone Inertial Sensors with ML Approach. Engineering, Technology and Applied Science Research*, *14*(1), 12780–12787. https://doi.org/10.48084/etasr.6586

Balaha, H. M., & Hassan, A. E.-S. (2023). *Comprehensive machine and deep learning analysis of sensor-based human activity recognition. Neural Computing and Applications*, *35*(17), 12793–12831. https://doi.org/10.1007/s00521-023-08374-7

Bichri, H., Chergui, A., & Hain, M. (2024). *Investigating the Impact of Train / Test Split Ratio on the Performance of Pre-Trained Models with Custom Datasets*. *15*(2), 331–339. https://doi.org/10.14569/IJACSA.2024.0150235

Breiman, L. E. O. (2001). *Random Forests*. *Machine Learning*, *45*(1), 5–32. https://doi.org/10.1023/A:1010933404324

Chawla, N. V, Bowyer, K. W., Hall, L. O., & Kegelmeyer, W. P. (2002). *SMOTE : Synthetic Minority Over-sampling Technique*. *16*, 321–357. https://doi.org/10.1613/jair.953

Hairani, H., Anggrawan, A., & Priyanto, D. (2023). *Improvement Performance of the Random Forest Method on Unbalanced Diabetes Data Classification Using Smote-Tomek Link*. *7*(March), 258–264. https://doi.org/10.30630/joiv.7.1.1069

AlSahly, A. M., Hassan, M. M., Saleem, K., Alabrah, A., & Rodrigues, J. J. P. C. (2022). *Handheld Device-Based Indoor Localization with Zero Infrastructure (HDIZI)*. *Sensors, 22*(17), 6513. https://doi.org/10.3390/s22176513

Liandana, I. M. D. S., & Atmojo, Y. P. (2024). Pengenalan aktivitas manusia dengan seleksi fitur *Analysis of Variance* (ANOVA) dan *Mutual Information* (MI) pada data sensor *accelerometer* berbasis *machine learning*. *Jurnal Sistem dan Informatika (JSI), 18*(2), 118–130. https://doi.org/10.30864/jsi.v18i2.606

Pedregosa, F., Varoquaux, G., Gramfort, A., Michel, V., Thirion, B., Grisel, O., Blondel, M., Prettenhofer, P., Weiss, R., Dubourg, V., Vanderplas, J., Passos, A., Cournapeau, D., Brucher, M., Perrot, M., & Duchesnay, É. (2011). *Scikit-learn: Machine learning in Python. Journal of Machine Learning Research, 12*, 2825–2830. http://jmlr.org/papers/v12/pedregosa11a.html

Pires, I. M., Hussain, F., Garcia, N. M., Lameski, P., & Zdravevski, E. (2020). *Homogeneous data normalization and deep learning: A case study in human activity classification. Future Internet, 12*(11), 194. https://doi.org/10.3390/fi12110194

Rainio, O., Teuho, J., & Klén, R. (2024). *Evaluation metrics and statistical tests for machine learning. Scientific Reports, 14*, Article 6086. https://doi.org/10.1038/s41598-024-56706-x

Tangirala, S. (2020). *Evaluating the Impact of GINI Index and Information Gain on Classification using Decision Tree Classifier Algorithm *. 11*(2), 612–619. https://doi.org/10.14569/IJACSA.2020.0110277

Thakur, D., & Biswas, S. (2023). Guided regularized random forest feature selection for smartphone based human activity recognition. *Journal of Ambient Intelligence and Humanized Computing*, *14*(7), 9767–9779. https://doi.org/10.1007/s12652-022-03862-5

Widiawati, C. R. A., & Yunita, I. R. (2025). Enhancing Minority Class Prediction in Wearable Sensor-Based Activity Recognition Using SMOTE Oversampling. *International Journal for Applied Information Management*, *5*(1), 1–15. https://doi.org/10.47738/ijaim.v5i1.95

Zhang, P., Jia, Y., & Shang, Y. (2022). *Research and application of XGBoost in imbalanced data*. *18*(263). https://doi.org/10.1177/15501329221106935