

Daftar Pustaka

- [1] C. P. Kovesdy, "Epidemiology of chronic kidney disease: an update 2022.," *Kidney Int Suppl* (2011), vol. 12, no. 1, pp. 7–11, Apr. 2022, doi: 10.1016/j.kisu.2021.11.003.
- [2] V. Singh, V. K. Asari, and R. Rajasekaran, "A Deep Neural Network for Early Detection and Prediction of Chronic Kidney Disease.," *Diagnostics (Basel)*, vol. 12, no. 1, Jan. 2022, doi: 10.3390/diagnostics12010116.
- [3] J. Radhakrishnan et al., "Taming the chronic kidney disease epidemic: a global view of surveillance efforts," *Kidney Int*, vol. 86, no. 2, pp. 246–250, Aug. 2014, doi: 10.1038/ki.2014.190.
- [4] J. Radhakrishnan and S. Mohan, "KI Reports and World Kidney Day," *Kidney Int Rep*, vol. 2, no. 2, pp. 125–126, Mar. 2017, doi: 10.1016/j.ekir.2017.01.014.
- [5] K. J. Jager, C. Kovesdy, R. Langham, M. Rosenberg, V. Jha, and C. Zoccali, "A single number for advocacy and communication—worldwide more than 850 million individuals have kidney diseases," *Kidney Int*, vol. 96, no. 5, pp. 1048–1050, Nov. 2019, doi: 10.1016/j.kint.2019.07.012.
- [6] K. J. Foreman et al., "Forecasting life expectancy, years of life lost, and all-cause and cause-specific mortality for 250 causes of death: reference and alternative scenarios for 2016–40 for 195 countries and territories," *The Lancet*, vol. 392, no. 10159, pp. 2052–2090, Nov. 2018, doi: 10.1016/S0140-6736(18)31694-5.
- [7] J. Neves et al., "A Soft Computing Approach to Kidney Diseases Evaluation," *J Med Syst*, vol. 39, no. 10, p. 131, Oct. 2015, doi: 10.1007/s10916-015-0313-4.
- [8] G. R. Vasquez-Morales, S. M. Martinez-Monterrubio, P. Moreno-Ger, and J. A. Recio-Garcia, "Explainable Prediction of Chronic Renal Disease in the Colombian Population Using Neural Networks and Case-Based Reasoning," *IEEE Access*, vol. 7, pp. 152900–152910, 2019, doi: 10.1109/ACCESS.2019.2948430.
- [9] C. Cortes and V. Vapnik, "Support-vector networks," *Mach Learn*, vol. 20, no. 3, pp. 273–297, Sep. 1995, doi: 10.1007/BF00994018.
- [10] L. Breiman, "Random forests," *Mach Learn*, vol. 45, no. 1, pp. 5–32, 2001, doi: 10.1023/A:1010933404324.
- [11] N. Bhaskar and M. Suchetha, "A Computationally Efficient Correlational Neural Network for Automated Prediction of Chronic Kidney Disease," *IRBM*, vol. 42, no. 4, pp. 268–276, Aug. 2021, doi: 10.1016/j.irbm.2020.07.002.
- [12] S. Krishnamurthy et al., "Machine Learning Prediction Models for Chronic Kidney Disease Using National Health Insurance Claim Data in Taiwan," *Healthcare*, vol. 9, no. 5, p. 546, May 2021, doi: 10.3390/healthcare9050546.
- [13] H. Ilyas et al., "Chronic kidney disease diagnosis using decision tree algorithms," *BMC Nephrol*, vol. 22, no. 1, p. 273, Dec. 2021, doi: 10.1186/s12882-021-02474-z.
- [14] J. C. T. Arroyo and A. J. P. Delima, "An Optimized Neural Network Using Genetic Algorithm for Cardiovascular Disease Prediction," *Journal of Advances in Information Technology*, vol. 13, no. 1, 2022, doi: 10.12720/jait.13.1.95-99.
- [15] X. Zang, J. Du, and Y. Song, "Early Prediction of Heart Disease via LSTM-XGBoost," in *Proceedings of the 2023 9th International Conference on Computing and Artificial Intelligence*, New York, NY, USA: ACM, Mar. 2023, pp. 631–637. doi: 10.1145/3594315.3594383.
- [16] P. Dileep et al., "An automatic heart disease prediction using cluster-based bi-directional LSTM (C-BiLSTM) algorithm," *Neural Comput Appl*, vol. 35, no. 10, pp. 7253–7266, Apr. 2023, doi: 10.1007/s00521-022-07064-0.
- [17] Rubini,L., Soundarapandian,P., and Eswaran,P.. (2015). Chronic Kidney Disease. UCI Machine Learning Repository. <https://doi.org/10.24432/C5G020>.
- [18] S. K. Kwak and J. H. Kim, "Statistical data preparation: management of missing values and outliers," *Korean J Anesthesiol*, vol. 70, no. 4, p. 407, 2017, doi: 10.4097/kjae.2017.70.4.407.
- [19] G. Van Houdt, C. Mosquera, and G. Nápoles, "A review on the long short-term memory model," *Artif Intell Rev*, vol. 53, no. 8, pp. 5929–5955, Dec. 2020, doi: 10.1007/s10462-020-09838-1.
- [20] Tran, K. P., Nguyen, H. du, & Thomassey, S. (2019). Anomaly detection using Long Short Term Memory Networks and its applications in Supply Chain Management. *IFAC-PapersOnLine*, 52(13), 2408–2412. <https://doi.org/10.1016/j.ifacol.2019.11.567>
- [21] N. Srivastava, G. Hinton, A. Krizhevsky, I. Sutskever, and R. Salakhutdinov, "Dropout: A Simple Way to Prevent Neural Networks from Overfitting," *Journal of Machine Learning Research*, vol. 15, no. 56, pp. 1929–1958, 2014.
- [22] S. Koçer and M. R. Canal, "Classifying Epilepsy Diseases Using Artificial Neural Networks and Genetic Algorithm," *J Med Syst*, vol. 35, no. 4, pp. 489–498, Aug. 2011, doi: 10.1007/s10916-009-9385-3.

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- [23] P. R. V. Terlapu et al., "Optimizing Chronic Kidney Disease Diagnosis in Uddanam: A Smart Fusion of GA-MLP Hybrid and PCA Dimensionality Reduction," *Procedia Comput Sci*, vol. 230, pp. 522–531, 2023, doi: 10.1016/j.procs.2023.12.108.
- [24] Kharoua R. E. (2024). Chronic Kidney Disease Dataset. Retrieved August, 31 2024 from <https://www.kaggle.com/datasets/rabieelkharoua/chronic-kidney-disease-dataset-analysis>