

DAFTAR PUSTAKA

- Ahmed, K., Hassan, M., 2022, tinyCare: A tinyML-based Low-Cost Continuous Blood Pressure Estimation on the Extreme Edge, *10th International Conference on Healthcare Informatics (ICHI)*, 2575-2634. DOI 10.1109/ICHI54592.2022.00047
- Ali, F, N., Hussein, M., Awwad, F., Atef, M., 2023, Convolutional Autoencoder for Real-Time PPG Based Blood Pressure Monitoring Using TinyML, *International Conference on Microelectronics (ICM)*.
- Amin, R, K., Indwiarti, Y. Sibaroni, Y., 2015, Implementasi Klasifikasi Decision Tree Dengan Algoritma C4 . 5 Dalam Pengambilan Keputusan Permohonan Kredit Oleh Debitur, *eProceeding Eng.*, vol. 2, no. 1.
- Arun, 2020, *An Introduction to TinyML: Machine Learning meets Embedded Systems*, <https://towardsdatascience.com/an-introduction-to-tinyml-4617f314aa79>, diakses 28 September 2023.
- Avasalcai, C., Dustdar, S., 2023, Edge Computing: Use Cases and Research Challenges, *Springer Vieweg*, pp. 125-142
- Azimi, I., Anzanpour, A., Rahmani, A.M, Pahikkala, T., Levorato, M., Liljeberg, P. dan Dutt, N., 2017, Hich: Hierarchical fog-assisted computing architecture for healthcare iot, *ACM Transactions on Embedded Computing Systems (TECS)*, vol. 16, no. 5s, pp. 1–20.
- Bhardwaj, R., Nambiar, A.R. dan Dutta, D., 2017, A study of machine learning in healthcare, *IEEE 41st Annual Computer Software and Applications Conference (COMPSAC)*, vol. 2. IEEE, pp. 236–241.
- Bohr, H., 2020, Drug discovery and molecular modeling using artificial intelligence, *Artificial Intelligence in Healthcare*. Elsevier, pp. 61–83.
- Castaneda, D., Esparza, A., Ghamari, M., 2018, A review on wearable photoplethysmography sensor and their potential future applications in health care, *Int J Biosens Bioelectron*, vol. 4, no. 4
- Chezian, D, R, M., Kumar, K. S., 2014, Support Vector Machine and K-Nearest Neighbor Based Analysis for the Prediction of Hypothyroid. *International Journal of Pharma and Bio Sciences*.
- Elgendi, M., Norton, I., Brearley, M., Abbot, D., Schuurmans, D., 2013, Systolic Peak Detection in Acceleration Photoplethysmograms Measured from Emergency Responders in Tropical Conditions, *PLoS ONE*
- El Hajj, C., Kyriacou, P, A., 2020, Cuffless and Continuous Blood Pressure Estimation From PPG Signals Using Recurrent Neural Networks, *IEEE*.
- “ESP32-S3-DevKitC-1 v1.1”, <https://docs.espressif.com/projects/espressif/en/latest/esp32s3/hw-reference/esp32s3/user-guide-devkitc-1.html>, diakses pada 23 Desember 2023
- Ghosh, A., Chatterjee, T., Sarkar, S., 2021, Introduction of Boosting Algorithms in Continuous Non-Invasive Cuff-less Blood Pressure Estimation using Pulse Arrival Time, *43rd Annual International Conference of the IEEE Engineering in Medicine & Biology Society (EMBC)*.
- Hao, K., 2018, What is machine learning,

- <https://www.technologyreview.com/2018/11/17/103781/what-is-machine-learning-we-drew-you-another-flowchart/>, diakses pada 23 Desember 2023.
- Hasanzadeh, N., Ahmadi, M. M., Mohammadzade, H., Blood Pressure Estimation Using Photoplethysmogram Signal and Its Morphological Features, *IEEE Sensor Journal*, vol.20, no.8.
- Helmenstine, A., 2022, What Is Normal Body Temperature, <https://sciencenotes.org/what-is-normal-body-temperature/>, diakses pada 23 Desember 2023.
- “High-Sensitivity Pulse Oximeter and Heart-Rate Sensor for Wearable Health”, Maxim Integrated, <https://www.analog.com/media/en/technical-documentation/data-sheets/max30102.pdf>, diakses pada 23 Desember 2023.
- Insights, C., 2016, From virtual nurses to drug discovery: 65+ artificial intelligence startups in healthcare, CB Insights.
- Islam, S.R., Kwak, D., Kabir, M.H., Hossain, M. dan Kwak, K.S., 2015, The internet of things for health care: a comprehensive survey, *IEEE access*, vol. 3, pp. 678–708.
- Iskandar, I., 2018, Prediksi Kelulusan Mahasiswa Menggunakan Algoritma Decision Tree C4 . 5 Dengan Teknik Pruning, *J. Ilmu Komput. dan Sist. Inf.*, vol. 6, no. 1, pp. 64–68.
- Juraschek, S. P., Ishak, A. M., Mukamal, K. J., Wood, J. M., Anderson, T. S., Cohen, M. L., Li, J. X., Cluett, J., 2021, Impact of 30- Versus 60-Second Time Intervals Between Automated Office Blood Pressure Measurements on Measured Blood Pressure, *Hypertension*, vol. 78, pp. 1502-1510
- Kumar, S., Buckley, J., Barton, J., 2020, A Wristwatch-Based Wireless Sensor Platform for IoT Health Monitoring Applications, *Sensors*
- Kustiyahningsih, Y., Rahmanita, E., 2016, Aplikasi Sistem Pendukung Keputusan Menggunakan Algoritma C4.5. untuk Penjurusan SMA, *J. Semantec*, vol. 5, no. 2, pp. 101–108.
- Ling, B., Elgendi, M., Chen, Z., Ward., 2018. Analysis: An optimal filter for short photoplethysmogram signals. *Scientific Data*.
- Long, J., 2012, Vital Signs and Introduction to NEWS, *School of Medicine Dentistry & Nursing*.
- MacGillivray, C dan Torchia, M., 2019, Internet of Things: Spending trends and outlook, <https://www.idc.com/getdoc.jsp?containerId=US45161419>, diakses 28 September 2023.
- Martínez, E., Howard., N. Abbott., D. Lim, K., Ward, R., Elgendi, M., 2018, Can Photoplethysmography Replace Arterial Blood Pressure in the Assessment of Blood Pressure?, *Journal of Clinical Medicine*, 7, 316.
- Murdoch, T.B. dan Detsky, A.S., 2013, The inevitable application of big data to health care, *Jama*, vol. 309, no. 13, pp. 1351–1352.
- Norgeot, B., Glicksberg, B.S. dan Butte, A.J., 2019, A call for deep-learning healthcare, *Nature medicine*, vol. 25, no. 1, pp. 14–15.
- Park, J., Scok, H. S., Kim, S., Shin, H., 2022, Photoplethysmogram Analysis and Application: An Integrative Review, *Physiol*, vol. 12.

- Ramakrishna, P., Nabeel, P. M., Raj Kiran, V., Joseph, J., Sivaprakasam, M., 2020, Cuffless Blood Pressure Estimation Using Features Extracted from Carotid Dual-Diameter Waveforms, IEEE.
- Sapra, A., Bhandari, P., Malik, A., 2023, Vital Sign Assessment, A service of the National Library of Medicine, National Institutes of Health.
- Shafique, M., Reddy, V. J., Theocharides, T., Murmann, B., 2021, TinyML: Current Progress, Research Challenges, and Future Roadmap, 58th ACM/IEEE Design Automation Conference (DAC).
- Slapnicar, G., Mlakar, N., Lustrek, M., 2019, Blood Pressure Estimation from Photoplethysmogram Using a Spectro-Temporal Deep Neural Network, Sensors
- Tsoukas, V., Gkogkidis, A., Kakarountas, A., 2023, Internet of Things challenges and the emerging technology of TinyML, 19th International Conference on Distributed Computing in Smart Systems and the Internet of Things.
- Wiens, J. dan Shenoy, E.S., 2018, Machine learning for healthcare: on the verge of a major shift in healthcare epidemiology, Clinical Infectious Diseases, vol. 66, no. 1, pp. 149–153.
- Moody, B., Hao, S., Gow, B., Pollard, T., Zong, W., Mark, R., 2022, MIMIC-IV Waveform Database, <https://physionet.org/content/mimic4wdb/0.1.0/>, 4 July 2022, diakses 18 Oktober 2023.
- Viunyskiy, Sharonov, V., Shulgin, V., Totsky, A., 2020, Non-invasive Cuff-less Measurement of Blood Pressure Based on Machine Learning, 15th International Conference on Advanced Trends in Radioelectronics, Telecommunications and Computer Engineering (TCSET).
- Zhang, C., Shen, Z., Ding, X., 2023, Continual Learning for Cuffless Blood Pressure Measurement using PPG and ECG Signals, 45th Annual International Conference of the IEEE Engineering in Medicine & Biology Society (EMBC).