

DAFTAR PUSTAKA

- [1] V. I. . Gunadi, Y. M. Mewo, and M. Tiho, “Gambaran kadar hemoglobin pada pekerja bangunan,” *J. e-Biomedik*, vol. 4, no. 2, pp. 2–7, 2016, doi: 10.35790/ebm.4.2.2016.14604.
- [2] P. M. I. Imas Saraswati, “Hubungan Kadar Hemoglobin (HB) Dengan Prestasi Pada Siswa Menengah Atas (SMA) Atau Sederajat,” *J. Med. Utama*, vol. 02, no. 04, pp. 1187–1191, 2021.
- [3] M. Mardiyansyah, E. Erfan, and Y. Yurman, “Skrining Anemia Pada Lansia Melalui Pemeriksaan Hemoglobin Di Wilayah Kerja Puskesmas Desa Sukasari,” *J. Indones. Med. Lab. Sci.*, vol. 3, no. 2, pp. 184–191, 2022, doi: 10.53699/joimedlabs.v3i2.120.
- [4] Sri Wulandari Rahman, U. Usman, F. Umar, and H. K. Kengky, “Faktor-faktor yang Berhubungan dengan Kejadian Anemia Pada Remaja,” *J. Gizi Kerja dan Produkt.*, vol. 4, no. 2, pp. 109–118, 2023, doi: 10.52742/jgkp.v4i2.177.
- [5] E. W. Ningsih, H. R. Fajrin, and A. Fitriyah, “Pendeteksi Hemoglobin Non Invasive,” *Med. Tek. J. Tek. Elektromedik Indones.*, vol. 1, no. 1, 2019, doi: 10.18196/mt.010102.
- [6] S. P. H. G, P. S. Ramkumar, G. K. Prabhu, and A. N. Babu, “Methods and Devices to Determine Hemoglobin Non Invasively : A Review,” *Int. J. Sci. Eng. Rechn.*, vol. 937, no. 3, pp. 934–937, 2014.
- [7] P. Purwadi, P. S. Ramadhan, and N. Safitri, “Penerapan Data Mining Untuk Mengestimasi Laju Pertumbuhan Penduduk Menggunakan Metode Regresi Linier Berganda Pada BPS Deli Serdang,” *J. SAINTIKOM (Jurnal Sains Manaj. Inform. dan Komputer)*, vol. 18, no. 1, p. 55, 2019, doi: 10.53513/jis.v18i1.104.
- [8] C. Pintavirooj, B. Ni, C. Chatkobkool, and K. Pinijkij, “Noninvasive portable hemoglobin concentration monitoring system using optical sensor for anemia disease,” *Healthc.*, vol. 9, no. 6, 2021, doi: 10.3390/healthcare9060647.
- [9] J. Man, M. D. Zielinski, D. Das, P. Wutthisirisart, and K. S. Pasupathy,

- “Improving non-invasive hemoglobin measurement accuracy using nonparametric models,” *J. Biomed. Informatics* 126, vol. 126, pp. 1–9, 2022, doi: <https://doi.org/10.1016/j.jbi.2021.103975>.
- [10] Muthmainnah, F. Z. Arabani, I. Tazi, N. Chamidah, W. Sasmitaninghidayah, and M. Tirono, “Development of Optical Sensor Technology for Non-Invasive Hemoglobin Measurement,” *J. Penelit. Pendidik. IPA*, vol. 9, no. 11, pp. 10252–10258, 2023, doi: 10.29303/jppipa.v9i11.5610.
- [11] S. I. Purnama, I. Hikmah, and M. A. Afandi, “Pengembangan Perangkat Pengukuran Hemoglobin Secara Non-Invasif Berbasis Jaringan Long Range (LoRa),” vol. 23, no. 1, pp. 125–135, 2024.
- [12] A. Ramadhanti *et al.*, “PENGEMBANGAN ALAT DETEKSI GEJALA ANEMIA NON-INVASIVE BERBASIS NARROWBAND INTERNET OF,” vol. 12, no. 3, 2024.
- [13] Firdayanti *et al.*, *Dasar-Dasar Hematologi*. 2024.
- [14] E. S. Asih, D. Pramudianti, and L. S. Gunawan, “Perbandingan Hasil Pemeriksaan Hemoglobin Metode Azidemet Hemoglobin dan Cyanide-Free,” *Biomedika*, vol. 11, no. 1, pp. 1–9, 2019, doi: 10.31001/biomedika.v11i1.377.
- [15] Q. Qomaruddin, “PENGUKURAN KADAR HEMOGLOBIN (Hb) DARAH DENGAN METODE NONINVASIF MENGGUNAKAN LASER,” *Instrumentasi*, vol. 40, no. 1, p. 15, 2016, doi: 10.14203/instrumentasi.v40i1.49.
- [16] G. Nugraha, *Teknik Pengambilan dan Penanganan Spesimen Darah Vena Manusia untuk Penelitian*. LIPI Press, 2022. doi: 10.14203/press.345.
- [17] I. Oshina and J. Spigulis, “Beer–Lambert law for optical tissue diagnostics: current state of the art and the main limitations,” *J. Biomed. Opt.*, vol. 26, no. 10, pp. 1–17, 2021, doi: 10.1117/1.jbo.26.10.100901.
- [18] M. T. Arief Budijanto, S.T., S. Winardi, and D. K. E. Susilo, *Interfacing Dengan ESP32*. Scopindo Media Pustaka, 2021.
- [19] M. Verhovsek, M. P. A. Henderson, G. Cox, H. yuan Luo, M. H. Steinberg, and D. H. K. Chui, “Unexpectedly low pulse oximetry measurements associated with variant hemoglobins: A systematic review,” *Am. J. Hematol.*,

- vol. 85, no. 11, pp. 882–885, 2010, doi: 10.1002/ajh.21810.
- [20] M. A. Adrian, M. R. Widiarto, and R. S. Kusumadiarti, “Health Monitoring System dengan Indikator Suhu Tubuh, Detak Jantung dan Saturasi Oksigen Berbasis Internet of Things (IoT),” *J. Petik*, vol. 7, no. 2, pp. 108–118, 2021, doi: 10.31980/jpetik.v7i2.1230.
- [21] I. A. E. Zaeni, *Dasar-Dasar Elektronika*. 2021.
- [22] I. P. A. W. Widyatmika, N. P. A. W. Indrawati, I. W. W. A. Prastya, I. K. Darminta, I. G. N. Sangka, and A. A. N. G. Sapteka, “Perbandingan Kinerja Arduino Uno dan ESP32 Terhadap Pengukuran Arus dan Tegangan,” *J. Otomasi Kontrol dan Instrumentasi*, vol. 13, no. 1, pp. 35–47, 2021, doi: 10.5614/joki.2021.13.1.4.
- [23] P. T. PENS, “Modul 1 Pengenalan ESP32 Board,” *MK Internet Things*, vol. 6, pp. 1–16, 2019.
- [24] R. Purbakawaca, *Monochrome 0.96" 128x64 OLED graphic display*. 2019. [Online]. Available: <https://decabotelectronic.wordpress.com/2019/02/24/monochrome-0-96-128x64-oled-graphic-display/>
- [25] I. D. ID, *Machine Learning: Teori, Studi Kasus dan Implementasi Menggunakan Python*, no. July. UNRI Press, 2021. doi: 10.5281/zenodo.5113507.
- [26] S. Ningsih and H. H. Dukalang, “Penerapan Metode Suksesif Interval pada Analisis Regresi Linier Berganda,” *Jambura J. Math.*, vol. 1, no. 1, pp. 43–53, 2019, doi: 10.34312/jjom.v1i1.1742.
- [27] C. Dr (Cand). Aditya Wardhana, S.E., M.Si., M.M., CHRMP., CIRP., CHRA., CPP. and M. M. Dr. Zainuddin Iba, S.E., *Analisis Regresi dan Analisis Jalur untuk Riset Bisnis Menggunakan SPSS 29.0 & SMART-PLS 4.0*, no. July. 2024. [Online]. Available: <http://www.mendeley.com/research/regresi-linier-berganda-1/>
- [28] T. O. Hodson, “Root-mean-square error (RMSE) or mean absolute error (MAE): when to use them or not,” *Geosci. Model Dev.*, vol. 15, no. 14, pp. 5481–5487, 2022, doi: 10.5194/gmd-15-5481-2022.
- [29] M. F. Triola, “Elementary statistics - 12 th edition,” 2014.

- [30] S. Prof. Dr, “Statistik Untuk Penelitian,” CV ALFABETA, 2019, pp. 269–297.