

DAFTAR PUSTAKA

- ams. (n.d.). *Product Document AS7265X*. Retrieved September 23, 2023, from https://ams.com/documents/20143/36005/AS7265x_DS000612_1-00.pdf/08051c8a-a7f6-6231-7993-2d3fe0bf38b8
- Breiman, L. (2001). Random Forest. *Machine Learning*, 45(1), 5–32. <https://doi.org/10.1023/A:1010933404324>
- Brownlee, J. (2016). Master Machine Learning Algorithms: Discover how they work and implement them from scratch. *MACHINE Learning Mastery*.
- Buslim, N., & Iswara, R. P. (2019). Pengembangan Algoritma Unsupervised Learning Technique Pada Big Data Analysis di Media Sosial sebagai media promosi Online Bagi Masyarakat. *JURNAL TEKNIK INFORMATIKA*, 12(1). <https://doi.org/10.15408/jti.v12i1.11342>
- Chicco, D., Warrens, M. J., & Jurman, G. (2021). The coefficient of determination R-squared is more informative than SMAPE, MAE, MAPE, MSE and RMSE in regression analysis evaluation. *PeerJ Computer Science*, 7. <https://doi.org/10.7717/PEERJ-CS.623>
- Deglint, J., Kazemzadeh, F., Cho, D., Clausi, D. A., & Wong, A. (2015). *Numerical Demultiplexing of Color Image Sensor Measurements via Non-linear Random Forest Modeling*.
- Deng, W. Y., Zheng, Q. H., Lian, S., Chen, L., & Wang, X. (2010). Ordinal extreme learning machine. *Neurocomputing*, 74(1–3). <https://doi.org/10.1016/j.neucom.2010.08.022>
- Deviana, Y., K, K., & Wijanarko, H. (2020). Analisis Pengukur Kadar Gula Dalam Darah Secara Non-Invasive. *Journal of Applied Sciences, Electrical Engineering and Computer Technology*, 1(2). <https://doi.org/10.30871/aseect.v1i2.2350>
- Ditayasmin, A. (2019). “Pengaruh Pemberian Jus Jeruk Bali (Citrus maxima Merr.) terhadap Kadar Glukosa Darah pada Mencit (Mus Musculus).” *Jurnal Fakultas Ilmu Kesehatan Universitas Muhammadiyah Surabaya, Dm*.
- Elgeldawi, E., Sayed, A., Galal, A. R., & Zaki, A. M. (2021). Hyperparameter tuning for machine learning algorithms used for arabic sentiment analysis. *Informatics*, 8(4). <https://doi.org/10.3390/informatics8040079>
- Favoria Gusa, R., & Arkan, F. (2021). ALAT UKUR KADAR GLUKOSA DARAH NON-INVASIVE TERHUBUNG APLIKASI ANDROID. *Jurnal SIMETRIS*, 12(1).
- Hina, A., & Saadeh, W. (2022). Noninvasive Blood Glucose Monitoring Systems Using Near-Infrared Technology—A Review. In *Sensors* (Vol. 22, Issue 13). <https://doi.org/10.3390/s22134855>
- Husna, R., Lestari, R., & Hendra, Y. (2019). Inventory model of goods availability with apriori algorithm. *Journal of Physics: Conference Series*, 1317(1). <https://doi.org/10.1088/1742-6596/1317/1/012019>
- Jain, S. K., & Gupta, A. K. (2022). Application of Random Forest Regression with Hyper-parameters Tuning to Estimate Reference Evapotranspiration.

- International Journal of Advanced Computer Science and Applications*, 13(5).
<https://doi.org/10.14569/IJACSA.2022.0130585>
- KEMENKES. (n.d.). *Diabetes Tanya-Jawab seputar*. Retrieved October 7, 2023, from <https://p2ptm.kemkes.go.id/uploads/2016/11/Tanya-Jawab-Seputar-Diabetes-1.pdf>
- KEMENKES. (2019). *Buku Pintar Kader POSBINDU* (M. H. K. dr. Cut Putri Arianie, Ed.). <https://p2ptm.kemkes.go.id/dokumen-ptm/buku-pintar-kader-posbindu>
- Kurniadi Wardana, H., Indahwati, E., & Arifah Fitriyah, L. (2018). Measurement of Non-Invasive Blood Glucose Level Based Sensor Color TCS3200 and Arduino. *IOP Conference Series: Materials Science and Engineering*, 336(1).
<https://doi.org/10.1088/1757-899X/336/1/012019>
- Le Floch, J. P., Bauduceau, B., Levy, M., Mosnier-Pudar, H., Sachon, C., & Kakou, B. (2008). Self-Monitoring of blood glucose, cutaneous finger injury, and sensory loss in diabetic patients. In *Diabetes Care* (Vol. 31, Issue 10).
<https://doi.org/10.2337/dc08-1174>
- Mahmud, M., Kaiser, M. S., Hussain, A., & Vassanelli, S. (2018). Applications of Deep Learning and Reinforcement Learning to Biological Data. *IEEE Transactions on Neural Networks and Learning Systems*, 29(6).
<https://doi.org/10.1109/TNNLS.2018.2790388>
- Narkhede, P., Dhalwar, S., & Karthikeyan, B. (2016). NIR based non-invasive blood glucose measurement. *Indian Journal of Science and Technology*, 9(41).
<https://doi.org/10.17485/ijst/2016/v9i41/98996>
- Nayak, A., & Dutta, K. (2018). Impacts of machine learning and artificial intelligence on mankind. *Proceedings of 2017 International Conference on Intelligent Computing and Control, I2C2 2017, 2018-January*.
<https://doi.org/10.1109/I2C2.2017.8321908>
- Norma Farizah Fahmi, Nailufar Firdaus, S. R. (2020). PERBEDAAN KADAR GLUKOSA MENGGUNAKAN DARAH DENGAN ANTIKOAGULAN DAN TANPA ANTIKOAGULAN METODE POCT Norma. *Jurnal Ilmiah Obsgin*, 5.
- Palsson, B. (2009). Metabolic systems biology. In *FEBS Letters* (Vol. 583, Issue 24). <https://doi.org/10.1016/j.febslet.2009.09.031>
- Pangarkar, D. J., Sharma, R., Sharma, A., & Sharma, M. (2020). Assessment of the Different Machine Learning Models for Prediction of Cluster Bean (*Cyamopsis tetragonoloba* L. Taub.) Yield. *Advances in Research*.
<https://doi.org/10.9734/air/2020/v21i930238>
- PERKENI. (2021). *Pedoman Pemantauan Glukosa Darah Mandiri 2021*. <https://pbperkeni.or.id/wp-content/uploads/2021/11/22-10-21-Website-Pedoman-Pemantauan-Glukosa-Darah-Mandiri-Ebook.pdf>
- Roihan, A., Sunarya, P. A., & Rafika, A. S. (2020). Pemanfaatan Machine Learning dalam Berbagai Bidang: Review paper. *IJCIT (Indonesian Journal on Computer and Information Technology)*, 5(1).
<https://doi.org/10.31294/ijcit.v5i1.7951>

- Russell, S., & Norvig, P. (2021). Artificial Intelligence: A Modern Approach (Global Edition). *Artificial Intelligence: A Modern Approach*.
- Shokrehodaie, M., Cistola, D. P., Roberts, R. C., & Quinones, S. (2021). Non-Invasive Glucose Monitoring Using Optical Sensor and Machine Learning Techniques for Diabetes Applications. *IEEE Access*, 9. <https://doi.org/10.1109/ACCESS.2021.3079182>
- SINOCARE. (n.d.). *Sinocare Safe Accu*. Retrieved October 16, 2023, from <https://www.sinocare.co.id/safe-accu-kit/>
- Somvanshi, M., Chavan, P., Tambade, S., & Shinde, S. V. (2016). A review of machine learning techniques using decision tree and support vector machine. *2016 International Conference on Computing Communication Control and Automation (ICCUBEA)*, 1–7. <https://doi.org/10.1109/ICCUBEA.2016.7860040>
- Stevens, J. D., Murray, D., Diepeveen, D., & Toohey, D. (2023). Development and Testing of an IoT Spectroscopic Nutrient Monitoring System for Use in Micro Indoor Smart Hydroponics. *Horticulturae*, 9(2). <https://doi.org/10.3390/horticulturae9020185>
- Sun, Y., Cano-Garcia, H., Kallos, E., O'Brien, F., Akintonde, A., Motei, D.-E., Ancu, O., Mackenzie, R. W. A., & Kosmas, P. (2023). Random Forest Analysis of Combined Millimeter-Wave and Near-Infrared Sensing for Noninvasive Glucose Detection. *IEEE Sensors Journal*, 23(17), 20294–20309. <https://doi.org/10.1109/JSEN.2023.3293248>
- Tsakanikas, P., Fengou, L. C., Manthou, E., Lianou, A., Panagou, E. Z., & Nychas, G. J. E. (2018). A unified spectra analysis workflow for the assessment of microbial contamination of ready-to-eat green salads: Comparative study and application of non-invasive sensors. *Computers and Electronics in Agriculture*, 155. <https://doi.org/10.1016/j.compag.2018.10.025>
- Wang, Q., & Zhan, Z. (2011). Reinforcement learning model, algorithms and its application. *Proceedings 2011 International Conference on Mechatronic Science, Electric Engineering and Computer, MEC 2011*. <https://doi.org/10.1109/MEC.2011.6025669>
- Wibawa, A. P., Kurniawan, A. C., Murti, D. M. P., Adiperkasa, R. P., Putra, S. M., Kurniawan, S. A., & Nugraha, Y. R. (2019). Naïve Bayes Classifier for Journal Quartile Classification. *International Journal of Recent Contributions from Engineering, Science & IT (IJES)*, 7(2). <https://doi.org/10.3991/ijes.v7i2.10659>
- Xu, R. (2013). Improvements to random forest methodology. In *Dissertation (Doctor of Philosophy) Iowa State University*.
- Zheng, T., Li, W., Liu, Y., & Ling, B. W.-K. (2016). A noninvasive blood glucose measurement system by arduino and near-infrared. *2016 IEEE International Conference on Consumer Electronics-China (ICCE-China)*, 1–3. <https://doi.org/10.1109/ICCE-China.2016.7849752>