

DAFTAR PUSTAKA

- [1] A. Petersmann *et al.*, "Definition, Classification and Diagnosis of Diabetes Mellitus," *Experimental and Clinical Endocrinology and Diabetes*, vol. 127, 2019, doi: 10.1055/a-1018-9078.
- [2] J. E. John and N. A. John, "Imminent risk of covid-19 in diabetes mellitus and undiagnosed diabetes mellitus patients," *Pan African Medical Journal*, vol. 36, 2020, doi: 10.11604/pamj.2020.36.158.24011.
- [3] I. D. Federation, "IDF Diabetes Atlas Tenth edition 2021," *International Diabetes Federation*, 2021.
- [4] KemenkesRI, "infodatin Pusat Data Informasi kementerian kesehatan 2020 Diabetes Melitus.," *kementerian kesehatan RI*, vol. 15, no. 2, 2020.
- [5] A. K. Tiwari, G. Ramakrishna, L. K. Sharma, and S. K. Kashyap, "Academic performance prediction algorithm based on fuzzy data mining," *IAES International Journal of Artificial Intelligence*, vol. 8, no. 1, 2019, doi: 10.11591/ijai.v8.i1.pp26-32.
- [6] M. Alghamdi, M. Al-Mallah, S. Keteyian, C. Brawner, J. Ehrman, and S. Sakr, "Predicting diabetes mellitus using SMOTE and ensemble machine learning approach: The Henry Ford Exercise Testing (FIT) project," *PLoS One*, vol. 12, no. 7, 2017, doi: 10.1371/journal.pone.0179805.
- [7] R. C. Poonia *et al.*, "Intelligent Diagnostic Prediction and Classification Models for Detection of Kidney Disease," *Healthcare (Switzerland)*, vol. 10, no. 2, 2022, doi: 10.3390/healthcare10020371.
- [8] Q. Zou, K. Qu, Y. Luo, D. Yin, Y. Ju, and H. Tang, "Predicting Diabetes Mellitus With Machine Learning Techniques," *Front Genet*, vol. 9, 2018, doi: 10.3389/fgene.2018.00515.
- [9] D. Vigneswari, N. K. Kumar, V. Ganesh Raj, A. Gagan, and S. R. Vikash, "Machine Learning Tree Classifiers in Predicting Diabetes Mellitus," in *2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019*, 2019. doi: 10.1109/ICACCS.2019.8728388.
- [10] Q. Liu *et al.*, "Predicting the Risk of Incident Type 2 Diabetes Mellitus in Chinese Elderly Using Machine Learning Techniques," *J Pers Med*, vol. 12, no. 6, 2022, doi: 10.3390/jpm12060905.
- [11] N. Maulidah, R. Supriyadi, D. Y. Utami, F. N. Hasan, A. Fauzi, and A. Christian, "Prediksi Penyakit Diabetes Melitus Menggunakan Metode Support Vector Machine dan Naive Bayes," *Indonesian Journal on Software Engineering (IJSE)*, vol. 7, no. 1, 2021, doi: 10.31294/ijse.v7i1.10279.
- [12] M. F. Faruque, Asaduzzaman, S. M. M. Hossain, M. H. Furhad, and I. H. Sarker, "Predicting diabetes mellitus and analysing risk-factors correlation," *EAI Endorsed Trans Pervasive Health Technol*, vol. 5, no. 20, 2020, doi: 10.4108/eai.13-7-2018.164173.
- [13] Z. Mushtaq, M. F. Ramzan, S. Ali, S. Baseer, A. Samad, and M. Husnain, "Voting Classification-Based Diabetes Mellitus Prediction Using

- Hypertuned Machine-Learning Techniques,” *Mobile Information Systems*, vol. 2022, 2022, doi: 10.1155/2022/6521532.
- [14] “diabetes | Kaggle.” <https://www.kaggle.com/datasets/johndasilva/diabetes> (accessed Apr. 20, 2023).
- [15] “Diabetes from DAT263x Lab01 | Kaggle.” <https://www.kaggle.com/datasets/fmendes/diabetes-from-dat263x-lab01> (accessed Apr. 20, 2023).
- [16] R. Ghorbani and R. Ghousi, “Comparing Different Resampling Methods in Predicting Students’ Performance Using Machine Learning Techniques,” *IEEE Access*, vol. 8, 2020, doi: 10.1109/ACCESS.2020.2986809.
- [17] D. A. Anggoro and W. Supriyanti, “Improving accuracy Bb applying Z-score normalization in linear regression and polynomial regression model for real estate data,” *International Journal of Emerging Trends in Engineering Research*, vol. 7, no. 11, 2019, doi: 10.30534/ijeter/2019/247112019.
- [18] W. Li and Z. Liu, “A method of SVM with normalization in intrusion detection,” in *Procedia Environmental Sciences*, 2011. doi: 10.1016/j.proenv.2011.12.040.
- [19] S. Huang, C. A. I. Nianguang, P. Penzuti Pacheco, S. Narandes, Y. Wang, and X. U. Wayne, “Applications of support vector machine (SVM) learning in cancer genomics,” *Cancer Genomics and Proteomics*, vol. 15, no. 1. 2018. doi: 10.21873/cgp.20063.
- [20] N. Cristianini and J. Shawe-Taylor, *An Introduction to Support Vector Machines and Other Kernel-based Learning Methods*. 2000. doi: 10.1017/cbo9780511801389.
- [21] B. Schölkopf and A. J. Smola, *Learning with Kernels: Support Vector Machines, Regularization, Optimization, and Beyond Adaptive computation and machine learning*. 2001.
- [22] C. González, J. Mira-McWilliams, and I. Juárez, “Important variable assessment and electricity price forecasting based on regression tree models: Classification and regression trees, Bagging and Random Forests,” *IET Generation, Transmission and Distribution*, vol. 9, no. 11, 2015, doi: 10.1049/iet-gtd.2014.0655.
- [23] P. Golpour *et al.*, “Comparison of support vector machine, naïve bayes and logistic regression for assessing the necessity for coronary angiography,” *Int J Environ Res Public Health*, vol. 17, no. 18, 2020, doi: 10.3390/ijerph17186449.
- [24] W. S. Noble, “What is a support vector machine?,” *Nature Biotechnology*, vol. 24, no. 12. 2006. doi: 10.1038/nbt1206-1565.
- [25] G. Battineni, N. Chintalapudi, and F. Amenta, “Machine learning in medicine: Performance calculation of dementia prediction by support vector machines (SVM),” *Inform Med Unlocked*, vol. 16, 2019, doi: 10.1016/j.imu.2019.100200.
- [26] H. Cheng, P. N. Tan, and R. Jin, “Efficient algorithm for localized support vector machine,” *IEEE Trans Knowl Data Eng*, vol. 22, no. 4, 2010, doi: 10.1109/TKDE.2009.116.

- Repositori Insitusi | Universitas Kristen Saja Wacana
repository.uksw.ac.id
- [27] M. A. Nanda, K. B. Seminar, D. Nandika, and A. Maddu, "A comparison study of kernel functions in the support vector machine and its application for termite detection," *Information (Switzerland)*, vol. 9, no. 1, 2018, doi: 10.3390/info9010005.
- [28] M. Kamble, P. Shrivastava, and M. Jain, "Digitized spiral drawing classification for Parkinson's disease diagnosis," *Measurement: Sensors*, vol. 16, 2021, doi: 10.1016/j.measen.2021.100047.
- [29] Y. Wu and Y. Lu, "An intelligent machine vision system for detecting surface defects on packing boxes based on support vector machine," *Measurement and Control (United Kingdom)*, vol. 52, no. 7–8, 2019, doi: 10.1177/0020294019858175.
- [30] P. O. A. Sunarya, R. Refianti, A. B. Mutiara, and W. Octaviani, "Comparison of accuracy between convolutional neural networks and Naïve Bayes Classifiers in sentiment analysis on Twitter," *International Journal of Advanced Computer Science and Applications*, vol. 10, no. 5, 2019, doi: 10.14569/ijacsa.2019.0100511.
- [31] R. Malani, A. B. W. Putra, and M. Rifani, "Implementation of the naive bayes classifier method for potential network port selection," *International Journal of Computer Network and Information Security*, vol. 12, no. 2, 2020, doi: 10.5815/ijcnis.2020.02.04.
- [32] N. Rezaeian and G. Novikova, "Persian text classification using naive bayes algorithms and support vector machine algorithm," *Indonesian Journal of Electrical Engineering and Informatics*, vol. 8, no. 1, 2020, doi: 10.11591/ijeei.v8i1.1696.
- [33] J. Guo, B. Wan, H. Wu, Z. Zhao, and W. Huang, "A Virtual Reality and Online Learning Immersion Experience Evaluation Model Based on SVM and Wearable Recordings," *Electronics (Switzerland)*, vol. 11, no. 9, 2022, doi: 10.3390/electronics11091429.
- [34] R. C. Chen, C. Dewi, S. W. Huang, and R. E. Caraka, "Selecting critical features for data classification based on machine learning methods," *J Big Data*, vol. 7, no. 1, 2020, doi: 10.1186/s40537-020-00327-4.