

DAFTAR PUSTAKA

- [1] V. A. Dihni. “5 Negara Penghasil Kakao Terbesar, Indonesia Urutan Berapa?,” *Databoks*, 04 October 2021. [Online]. Available: <https://databoks.katadata.co.id/datapublish/2021/10/04/5-negara-penghasil-kakao-terbesar-indonesia-urutan-berapa>. [Accessed: 26 March 2023].
- [2] A. Mahmudan. “Ekspor Kakao Indonesia Turun 2,92% pada 2021,” *DataIndonesia.id*, 20 May 2022. [Online]. Available: <https://dataindonesia.id/sektor-riil/detail/ekspor-kakao-indonesia-turun-292-pada-2021>. [Accessed: 26 March 2023].
- [3] Direktorat Jendral Perkebunan, “Luas Areal Kakao Menurut Provinsi di Indonesia, 2017 - 2021,” *Direktorat Jendral Perkebunan*, 2021. [Online]. Available: <https://www.pertanian.go.id/home/index.php?show=repo&fileNum=224>. [Accessed: 26 March 2023].
- [4] Ditpui. “Proses Pengolahan Cokelat di Tingkat UGM Cocoa Teaching and Learning Industry,” *Direktorat Pengembangan Bisnis dan Inkubasi UGM*, 31 October 2020. [Online]. Available: <https://ditpui.ugm.ac.id/proses-pengolahan-cokelat-di-tingkat-ugm-cocoa-teaching-and-learning-industry/>. [Accessed: 26 March 2023].
- [5] S. Wijanarti, A. M. Rahmatika, and R. Hardiyanti, “Pengaruh lama penyangraian Manual Terhadap Karakteristik Kakao Bubuk,” *Jurnal Nasional Teknologi Terapan (JNTT)*, vol. 2, no. 2, p. 212, 2019.
- [6] Misnawi, S. Mulato, S. Widyotomo, A. Sewet, and Sugiyono, “Optimasi Suhu dan Lama Penyangraian Biji Kakao Menggunakan Penyangrai Skala Kecil Tipe Silinder,” *Pelita Perkebunan* 2005, vol. 21, no. 3, p. 169, 2005.
- [7] D. M. H. Farah, A. H. Zaibunnisa, J. Misnawi, and S. Zainal, “Optimization of cocoa beans roasting process using Response Surface Methodology based on concentration of pyrazine and acrylamide,” *International Food Research Journal*, vol. 19, pp. 1355-1359, 2012.
- [8] I. S. Rocha, L. R. Santana, S. E. Soares, And E. Da Bispo, “Effect of the roasting temperature and time of cocoa beans on the sensory characteristics and acceptability of chocolate,” *Food Science and Technology*, vol. 37, no. 4, pp. 522–530, 2017.
- [9] Y. Yang, A. G. Darwish, I. El-Sharkawy, Q. Zhu, S. Sun, and J. Tan, “Rapid determination of the roasting degree of cocoa beans by extreme learning machine (elm)-based imaging analysis,” *Journal of Agriculture and Food Research*, vol. 10, p. 100437, 2022.
- [10] J. Kubala, “What are cacao nibs? nutrition, benefits, and culinary uses,” *Healthline*, 28 March 2019. [Online]. Available: <https://www.healthline.com/nutrition/cacao-nibs>. [Accessed: 26 March 2023].
- [11] C. Stedman and A. Hughes, “What is data mining?,” *Business Analytics*, 07 September 2021. [Online]. Available: <https://www.techtarget.com/searchbusinessanalytics/definition/data-mining#:~:text=Data%20mining%20is%20the%20process,make%20more%2Dinformed%20business%20decisions>. [Accessed: 27 March 2023].
- [12] F. F. Firdaus, H. A. Nugroho, and I. Soesanti, “A review of feature selection and classification approaches for heart disease prediction,” *IJITEE (International Journal of Information Technology and Electrical Engineering)*, vol. 4, no. 3, p. 75, 2021.
- [13] N. Sánchez-Marño, A. Alonso-Betanzos, and M. Tombilla-Sanromán, “Filter methods for feature selection – A comparative study,” *Intelligent Data Engineering and Automated Learning - IDEAL* 2007, pp. 178–187, 2007.
- [14] J. Brownlee, “How to choose a feature selection method for machine learning,” *MachineLearningMastery.com*, 20 August 2020. [Online]. Available: <https://machinelearningmastery.com/feature-selection-with-real-and-categorical-data/>. [Accessed: 27 March 2023].

- [15] A. M. Telussa, E. R. Persulessy, and Z. A. Leleury, "Penerapan Analisis Korelasi parsial Untuk Menentukan Hubungan Pelaksanaan FUNGSI Manajemen Kepegawaian Dengan efektivitas Kerja Pegawai," *BAREKENG: Jurnal Ilmu Matematika dan Terapan*, vol. 7, no. 1, pp. 15–18, 2013.
- [16] A. A. Mattjik and M. Sumertajaya, *Perancangan Percobaan Dengan aplikasi sas Dan Minitab*. Bogor: PT Penerbit IPB Press, 2013.
- [17] Sugiyono, *Metode Penelitian Pendidikan: (Pendekatan Kuantitatif, Kualitatif Dan R R & D)*. Bandung: Alfabeta, 2008.
- [18] M. S. Pathan, A. Nag, M. M. Pathan, and S. Dev, "Analyzing the impact of feature selection on the accuracy of heart disease prediction," *Healthcare Analytics*, vol. 2, p. 100060, 2022.
- [19] K. Potdar, T. S., and C. D., "A comparative study of categorical variable encoding techniques for neural network classifiers," *International Journal of Computer Applications*, vol. 175, no. 4, pp. 7–9, 2017.
- [20] O. A. Akanbi, I. S. Amiri, and E. Fazeldhkordi, *A machine learning approach to phishing detection and Defense*. Amsterdam: Elsevier, 2015.
- [21] A. Shirzad, M. Tabesh, and R. Farmani, "Performance Comparison between Support Vector Regression and Artificial Neural Network for Prediction of Oil Palm Production," *Jurnal Ilmu Komputer dan Informasi (Journal of Computer Science and Information)*, vol. 9, no. 1, pp. 1-8, 2016.
- [22] G. K. Uyanik and N. Güler, "A study on multiple linear regression analysis," *Procedia - Social and Behavioral Sciences*, vol. 106, pp. 234–240, 2013.
- [23] G.-B. Huang, Q.-Y. Zhu, and C.-K. Siew, "Extreme learning machine: Theory and applications," *Neurocomputing*, vol. 70, no. 1-3, pp. 489–501, 2006.
- [24] D. M. Belete and M. D. Huchaiah, "Grid search in hyperparameter optimization of machine learning models for prediction of HIV/AIDS test results," *International Journal of Computers and Applications*, vol. 44, no. 9, pp. 875–886, 2021.
- [25] Sulistiana and M. A. Muslim, "Support Vector Machine (SVM) optimization using grid search and UNIGRAM to improve e-commerce review accuracy," *Journal of Soft Computing Exploration*, vol. 1, no. 1, 2020.
- [26] P. Godbole and Dr. M. Pathak, "Particle Swarm Optimization (PSO) Model and Its Application in ANN Controller", *International Journal for Modern Trends in Science and Technology*, vol. 8, no.1, pp. 153-157, 2022.
- [27] M. R. Kaloop, D. Kumar, P. Samui, A. R. Gabr, J. W. Hu, X. Jin, and B. Roy, "Particle swarm optimization algorithm-extreme learning machine (PSO-ELM) model for predicting resilient modulus of stabilized aggregate bases," *Applied Sciences*, vol. 9, no. 16, p. 3221, 2019.
- [28] S. Kim and H. Kim, "A new metric of absolute percentage error for intermittent demand forecasts," *International Journal of Forecasting*, vol. 32, no. 3, pp. 669–679, 2016.
- [29] D. Christie and S. P. Neill, "Measuring and observing the Ocean Renewable Energy Resource," *Comprehensive Renewable Energy*, pp. 149–175, 2022.
- [30] P. Refaeilzadeh, L. Tang, and H. Liu, "Cross-validation," *Encyclopedia of Database Systems*, pp. 532–538, 2009.
- [31] S. K. Rath, M. Sahu, S. P. Das, S. K. Bisoy, and M. Sain, "A comparative analysis of SVM and ELM Classification on Software Reliability Prediction Model," *Electronics*, vol. 11, no. 17, p. 2707, 2022.



- [32] Y. Xu, S. Afshar, R. K. Singh, R. Wang, A. van Schaik, and T. J. Hamilton, "A binaural sound localization system using deep convolutional neural networks," *2019 IEEE International Symposium on Circuits and Systems (ISCAS)*, 2019.