

DAFTAR PUSTAKA

- Abe, S. 2005. *Support Vector Machine for Pattern Classification*. Springer - Verlag. London Limited.
- Alsahaf, A., Petkov, N., Shenoy, V., & Azzopardi, G. (2022). A framework for feature selection through boosting. *Expert Systems With Applications*, 187, 115895. <https://doi.org/10.1016/j.eswa.2021.115895>
- Amanda, R., Yasin, H., & Prahutama, A. (2014). Analisis *Support Vector Regression* (SVR) dalam memprediksi kurs rupiah terhadap dollar Amerika Serikat. *Jurnal Gaussian*, 3(4), 849-857. <http://ejournal-s1.undip.ac.id/index.php/gaussian>
- Anggara, A., Auliasari, K., & Pranoto, Y. A. (2023). Metode regresi linier berganda untuk prediksi omset penyewaan kamera di Joe Kamera. *JATI (Jurnal Mahasiswa Teknik Informatika)*, 7(1).
- Arrohman, R. R., & Arifudin, R. (2023). *Stock return prediction using voting regressor ensemble learning*. *Journal of Informatics*, 1(2). <https://journal.unnes.ac.id/sju/index.php/rji>
- Ashlihah, A., Unam, M. F., & Rahmatika, A. N. (2022). Analisis tentang dasar pertimbangan investor dalam memilih saham syariah dan saham konvensional. *Izdihar: Jurnal Ekonomi Syariah*, 2(2), 82.
- Aulady, M. A., Hudawi, A. H. A. S., & Arifin, Z. (2024). *Improve Metode LightGBM untuk Prediksi Harga Mobil Bekas Menggunakan Hyper-Parameter Tuning*. *TRILOGI: Jurnal Ilmu Teknologi, Kesehatan, dan Humaniora*, 5(3), 456-467. <https://doi.org/10.33650/trilogi.v5i3.9000>
- Bagaskara, K., Perdana, H., & Aprizkiyandari, S. (2024). Penerapan *Support Vector Regression* kernel linier dalam meramalkan harga CPO Indonesia. *Equator: Journal of Mathematical and Statistical Sciences (EJMSS)*, 3(2).
- Bastian, M. E., Rahayudi, B., & Ratnawati, D. E. (2021). *Prediksi tren harga saham jangka pendek berdasarkan fitur technical analysis dengan menggunakan algoritma random forest*. *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, 5(10), 4536-4542. <http://j-ptiik.ub.ac.id>
- Bergstra, J., Bardenet, R., Bengio, Y., & Kégl, B. (2011). Algorithms for hyper-parameter optimization. In *Advances in Neural Information Processing Systems* (pp. 2546–2554).
- Bergstra, J., & Bengio, Y. (2012). Random search for hyper-parameter optimization. *Journal of Machine Learning Research*, 13, 281–305.
- Brealey, R. A., Myers, S. C., & Allen, F. (2020). *Fundamentals of Corporate Finance* (10th ed.). McGraw-Hill Education.
- Bukhari, S. N. H., & Ogudo, K. A. (2024). *Prediction of antigenic peptides of SARS-CoV-2 pathogen using machine learning*. *PeerJ Computer Science*, 10, e2319. <https://doi.org/10.7717/peerj-cs.2319>

- Cendani, L. M., & Wibowo, A. (2022). Perbandingan metode ensemble learning pada klasifikasi penyakit diabetes. *Jurnal Masyarakat Informatika*, 13(1).
- Chai, T., & Draxler, R. R. (2014). *Root mean square error (RMSE) or mean absolute error (MAE)? – Arguments against avoiding RMSE in the literature*. *Geoscientific Model Development*, 7(4), 1247–1250. <https://doi.org/10.5194/gmd-7-1247-2014>
- Chen, T., & Guestrin, C. (2016). *XGBoost: A Scalable Tree Boosting System*. In *Proceedings of the 22nd ACM SIGKDD International Conference on Knowledge Discovery and Data Mining* (pp. 785-794). Chen, Y., Fu, Z., Yao, X., Han, Y., & Li, Z. (2024). *An ensemble method based on weight voting method for improved prediction of slope stability*. *Natural Hazards*, 120, 10395–10412. <https://doi.org/10.1007/s11069-024-06610->
- Dash, R. K., Nguyen, T. N., Cengiz, K., & Sharma, A. (2021). *Fine-tuned support vector regression model for stock predictions*. *Neural Computing and Applications*, 35, 23295–23309
- Dash, S. R., & Maitra, D. (2022). *The COVID-19 pandemic uncertainty, investor sentiment, and global equity markets: Evidence from the time-frequency co-movements*. *North American Journal of Economics and Finance*, 62, 101712. <https://doi.org/10.1016/j.najef.2022.101712>
- Deng, H., Zhou, Y., Wang, L., & Zhang, C. (2021). *Ensemble learning for the early prediction of neonatal jaundice with genetic features*. *BMC Medical Informatics and Decision Making*, 21(338). <https://doi.org/10.1186/s12911-021-01701-9>
- Erdebilli, B., & İçtenbaş, B. D. (2022). *Ensemble voting regression based on machine learning for predicting medical waste: A case from Turkey*. *Mathematics*, 10(14), 2466. <https://doi.org/10.3390/math10142466>
- Furi, R. P., Jondri, M. S., & Saepudin, D. (2015). *Prediksi financial time series menggunakan independent component analysis dan support vector regression studi kasus: IHS dan JII*. *e-Proceeding of Engineering*, 2(2), 3608–3613.
- Goodfellow, I., Bengio, Y., & Courville, A. (2016). *Deep learning*. MIT Press. <https://www.deeplearningbook.org/>
- Hafid, A., Ebrahim, M., Rahouti, M., & Oliveira, D. (2024). *Cryptocurrency price forecasting using XGBoost regressor and technical indicators*. *Proceedings of the 2024 IEEE International Performance, Computing, and Communications Conference (IPCCC)*, 1-6. <https://doi.org/10.1109/IPCCC59868.2024.10850357>
- Han, J., Pei, J., & Kamber, M. (2021). *Data Mining: Concepts and Techniques*. Elsevier.
- Hariazy, H. (2021). *Analisis teknikal dan fundamental untuk memprediksi pergerakan harga saham pada perusahaan sektor farmasi di Indeks Saham Syariah Indonesia (ISSI) periode 2016–2020* (Skripsi, Universitas Islam Negeri Sultan Syarif Kasim).

- Hidayah, D. N., & Alwi. (2022). Pengaruh ROA, ROE, dan NPM terhadap harga saham pada PT Astra Internasional, Tbk. *Jurnal Disrupsi Bisnis*, 5(1), 53-59. <https://doi.org/10.32493/drj.v5i1.17205>
- Huang, D. (2022). *SVR Modeling and Parameter Optimization for Financial Time Series Forecasting*. 2022 IEEE Conference on Telecommunications, Optics and Computer Science (TOCS), 1-5. <https://doi.org/10.1109/TOCS56514.2022.10016054>
- Hutagalung, C. A., Rosalind, G. A., Setyo Tuhu, D. M., & Agustianingsih, A. (2023). *Wholesale inventory management optimization: Methodological approach with XGBoost, SVR, and Random Forest algorithms*. *Brilliance*, 3(2), 369-380. <https://doi.org/10.47709/brilliance.v3i2.3336>
- Idris, N. O., & Pontooyo, F. (2025). Evaluasi model machine learning untuk prediksi harga mobil dengan perbandingan ensemble dan regresi linear. *Jurnal Ilmu Komputer dan Sistem Informasi (JIRSI)*, 4(1), 129–143. <https://jurnal.unity-academy.sch.id/index.php/jirsi/index>
- Insancemerlang, S. M. (2022). Analisa teknikal dalam menentukan sinyal jual dan sinyal beli pada saham yang terdaftar di Jakarta Islamic Index (Studi pada sub sektor telekomunikasi periode 2020-2022) [Skripsi, Universitas Islam Negeri Walisongo Semarang].
- Irahadi, D. R., Sianturi, M. S., & Kim, S. S. (2022). Penggunaan indikator analisa teknikal pada pasar saham di Indonesia. *Jurnal Ilmiah Manajemen Bisnis dan Inovasi*, Universitas Sam Ratulangi.
- Isnaeni, R., Sudarmin, & Rais, Z. (2022). Analisis *Support Vector Regression* (SVR) dengan kernel *radial basis function* (RBF) untuk memprediksi laju inflasi di Indonesia. *VARIANSI: Journal of Statistics and Its Application on Teaching and Research*, 4(1), 30–38. <https://doi.org/10.35580/variansinum13>
- Jadhav, S., Chaudhari, V., Barhate, P., Deshmukh, K., & Agrawal, T. (2021). *Extreme Gradient Boosting for Predicting Stock Price Direction in Context of Indian Equity Markets*. In *Intelligent Sustainable Systems* (pp. 321–330).
- Jiang, M., Liu, J., Zhang, L., & Liu, C. (2020). *An improved stacking framework for stock index prediction by leveraging tree-based ensemble models and deep learning algorithms*. *Physica A*, 541, 122272. <https://doi.org/10.1016/j.physa.2019.122272>
- Jierula, A., Wang, S., Oh, T.-M., & Wang, P. (2021). *Study on accuracy metrics for evaluating the predictions of damage locations in deep piles using artificial neural networks with acoustic emission data*. *Applied Sciences*, 11(5), 2314. <https://doi.org/10.3390/app11052314>
- Kari, T., Gao, W., Tuluhong, A., Yaermaimaiti, Y., & Zhang, Z. (2018). *Mixed kernel function support vector regression with genetic algorithm for forecasting dissolved gas content in power transformers*. *Energies*, 11(9), 2391. <https://doi.org/10.3390/en11092391>

- Khan, S. A., Rehman, A. U., Arshad, A., Alqahtani, M. H., Mahmoud, K., & Lehtonen, M. (2024). *Effective voting-based ensemble learning for segregated load forecasting with low sampling data*. *IEEE Access*, 12, 1–12. <https://doi.org/10.1109/ACCESS.2024.3413679>
- Kohavi, R. (1995). A study of cross-validation and bootstrap for accuracy estimation and model selection. In *Proceedings of the 14th International Joint Conference on Artificial Intelligence* (pp. 1137–1143).
- Kuhn, M., & Johnson, K. (2013). *Applied Predictive Modeling*. Springer.
- Maknickienė, N., Stankevičienė, J., & Maknickas, A. (2020). *Forecasting Tools Based on Evolino Ensemble and Technical Analysis Indicators*. *Romanian Journal of Economic Forecasting*, 23(3), 5-21.
- Maricar, M. A. (2019). Analisa perbandingan nilai akurasi moving average dan exponential smoothing untuk sistem peramalan pendapatan pada Perusahaan XYZ. *Jurnal Sistem dan Informatika*.
- Mohammed, A., & Kora, R. (2023). A comprehensive review on ensemble deep learning: Opportunities and challenges. *Journal of King Saud University – Computer and Information Sciences*, 35(2023), 757–774.
- Mustamu, L. I., & Sibaroni, Y. (2023). *Fuel increase sentiment analysis using support vector machine with particle swarm optimization and genetic algorithm as feature selection*. *Jurnal Teknik Informatika (JUTIF)*, 4(3), 521–528. <https://doi.org/10.52436/1.jutif.2023.4.3.881>
- Muttaqin, W. W., Widiyanto, M., Munsarif, M., Mandias, G. F., Pungus, S. R., Widarman, A., Hapsari, W. K., Hardiyanti, S. A., Fatkhudin, A., Pasnur, Bisono, E. F., Anshori, M., Suryani, & Saputra, N. (2023). *Pengenalan Data Mining*. Yayasan Kita Menulis.
- Naufal, M. F. (2017). Peramalan Jumlah Wisatawan Mancanegara yang Datang ke Indonesia Berdasarkan Pintu Masuk Menggunakan Metode Support Vector Machine (SVM).
- Novirman, A. A. (2024). *Analisis perbandingan model forecasting pada harga saham bank syariah di Indonesia*. Universitas Islam Negeri Syarif Hidayatullah Jakarta.
- Nuha, H., Mohandes, M., Rehman, S., & Al-Shaikhi, A. (2022). *Vertical wind speed extrapolation using regularized extreme learning machine*. *FME Transactions*, 50(3), 412–421. <https://doi.org/10.5937/fme2203412N>
- Nurani, A. T., Setiawan, A., & Susanto, B. (2023). *Perbandingan Kinerja Regresi Decision Tree dan Regresi Linear Berganda untuk Prediksi BMI pada Dataset Asthma*. *Jurnal Sains dan Edukasi Sains*, 6(1), 34–43. <https://doi.org/10.24246/juses.v61p34-43>
- Permana, I., & Salisah, F. N. (2022). *The effect of data normalization on the performance of the classification results of the backpropagation algorithm*.

Indonesian Journal of Informatic Research and Software Engineering (IJIRSE), 2(1), 67-72. <https://journal.irpi.or.id/index.php/ijirse>

- Pham, T. A., & Vu, H.-L. T. (2021). *Application of ensemble learning using weight voting protocol in the prediction of pile bearing capacity*. *Mathematical Problems in Engineering*, 2021, Article ID 5558449. <https://doi.org/10.1155/2021/5558449>
- Prabhata, A. (2012). Efektifitas Penggunaan Analisis Teknikal Stochastic Oscillator Dan Moving Average Convergence Divergence (MACD) Pada Perdagangan Saham-Saham Jakarta Islamic Index (JII) Di Bursa Efek Indonesia. *Sinergi*, 13(1), 1–14.
- Rokhman, K. A., Berliana, & Arsi, P. (2021). Perbandingan metode *Support Vector Machine* dan *Decision Tree* untuk analisis sentimen review komentar pada aplikasi transportasi online. *JOISM: Jurnal of Information System Management*, 2(2).
- Safitri, K., Tarno, & Hoyyi, A. (2021). Pengukuran kinerja portofolio optimal saham LQ45 menggunakan metode *Capital Asset Pricing Model (CAPM)* dan *Liquidity Adjusted Capital Asset Pricing Model (LCAPM)*. *Jurnal Gaussian*, 10(2), 230–240. <https://ejournal3.undip.ac.id/index.php/gaussian/>
- Santosa, B. (2007). *Data mining: Teknik pemanfaatan data untuk keperluan bisnis*. Graha Ilmu.
- Sarker, I. H. (2021). *Machine learning: Algorithms, real-world applications and research directions*. *SN Computer Science*, 2(160). <https://doi.org/10.1007/s42979-021-00592-x>
- Sibuea, S., & Widodo, Y. B. (2024). Pengembangan model machine learning untuk rekomendasi produk berdasarkan analisis pola pembelian. *Jurnal Teknologi Informatika dan Komputer MH. Thamrin*, 10(2). <https://doi.org/10.37012/jtik.v10i2.2354>
- Smola, A. J., & Schölkopf, B. (2004). *A tutorial on support vector regression*. *Statistics and Computing*, 14(3), 199–222. <https://doi.org/10.1023/B:STCO.0000035301.49549.88>
- Tandelilin, E. 2010. *Portofolio dan Investasi: Teori dan Aplikasi*. Edisi 1. Kanisius. Yogyakarta.
- Triya, P., Suarna, N., & Nuris, N. D. (2024). Penerapan *machine learning* dalam melakukan prediksi harga saham PT. Bank Mandiri (Persero) Tbk dengan algoritma *linear regression*. *JATI (Jurnal Mahasiswa Teknik Informatika)*, 8(1).
- Tuju, G. L. M., Rate, P. V., & Pondaag, J. J. (2020). Analisis faktor eksternal dan internal yang mempengaruhi harga saham perusahaan perbankan LQ45 terdaftar di Bursa Efek Indonesia (Periode 2016-2020). Fakultas Ekonomi dan Bisnis, Universitas Sam Ratulangi.

- Utami, A., & Gunarsih, T. (2019). Analisis teknikal saham: Perbandingan indikator *variable index dynamic average* dan indikator *relative Strength index*. Seminar Nasional UNRIYO
- Veronica, A., Yanti, D., & Hidayah, P. (2020). Pengaruh rasio keuangan dan pertumbuhan penjualan terhadap harga saham perusahaan pertambangan di Bursa Efek Indonesia. *Jurnal Mediasi*, Universitas Tamansiswa.
- Widoatmodjo, S. (2005). Cara sehat investasi di pasar modal: Pengantar menjadi investor profesional. PT Elex Media Komputindo.
- Wira, Desmond. (2014). Analisis Teknikal untuk Profit Maksimal. Edisi kedua. Jakarta: Exceed.
- Yin, X., Fallah-Shorshani, M., McConnell, R., Fruin, S., Chiang, Y.-Y., & Franklin, M. (2023). *Quantile extreme gradient boosting for uncertainty quantification*. arXiv preprint arXiv:2304.11732. <https://arxiv.org/abs/2304.11732>
- Yulianto, F., Mahmudyy, W. F., & Soebroto, A. A. (2020). *Comparison of regression, support vector regression (SVR), and SVR-particle swarm optimization (PSO) for rainfall forecasting*. *Journal of Information Technology and Computer Science*, 5(3), 235–246.
- Zheng, Z., Xie, S., Dai, H., Chen, X., & Wang, H. (2017). An overview of blockchain technology: Architecture, consensus, and future trends. In Big Data (BigData Congress), 2017 IEEE International Congress on (pp. 557-564). IEEE. <https://doi.org/10.1109/BigDataCongress.2017.00094>
- Zhou, Z.-H. (2012). *Ensemble methods: Foundations and algorithms*. CRC Press.