

DAFTAR PUSTAKA

- [1] Badan Pusat Statistik. 2023. Produksi Air Perusahaan Air Minum (PAM) menurut Bulan di Provinsi DKI Jakarta. <https://jakarta.bps.go.id>, tanggal akses 23 September 2023.
- [2] Perserikatan Bangsa Bangsa. 2023. Konferensi Air PBB 2023. <https://greennetwork.id>, tanggal akses 23 September 2023
- [3] Badan Perencanaan Pembangunan Nasional. 2021. Indonesia Krisis Air Bersih. <https://sdgs.bappenas.go.id>, tanggal akses 23 September 2023.
- [4] A. Akrom, "Prediksi Jumlah Produksi Air PDAM Menggunakan Metode ANN dengan Optimasi PSO," *J. Inform. Upgris*, vol. 7, no. 2, hlm. 5558, 2021, doi: <https://doi.org/10.26877/jiu.v7i2.10065>.
- [5] G. Ardesfira, H. F. Zedha, I. Fazana, J. Rahmadhiyanti, S. Rahima, dan S. Anwar, "Peramalan Nilai Tukar Rupiah Terhadap Dollar Amerika dengan Menggunakan Metode *Autoregressive Integrated Moving Average (ARIMA)*," *Jambura J. Probab. Stat.*, vol. 3, no. 2, hlm. 7184, Nov 2022, doi: 10.34312/jjps.v3i2.15469.
- [6] S. Siami-Namini, N. Tavakoli, dan A. Siami Namin, "A Comparison of ARIMA and LSTM in Forecasting Time Series," dalam *2018 17th IEEE International Conference on Machine Learning and Applications*

(*ICMLA*), Orlando, FL: IEEE, Des 2018, hlm. 13941401. doi: 10.1109/ICMLA.2018.00227.

- [7] E. Arif, E. Herlinawati, D. Devianto, M. Yollanda, dan D. Permana, "Hybridization of long short-term memory neural network in fractional time series modeling of inflation," *Front. Big Data*, vol. 6, hlm. 1282541, Jan 2024, doi: 10.3389/fdata.2023.1282541.
- [8] J. Qiu, B. Wang, dan C. Zhou, "Forecasting stock prices with long-short term memory neural network based on attention mechanism," *PLoS ONE*, vol. 15, no. 1, hlm. e0227222, Jan 2020, doi: 10.1371/journal.pone.0227222.
- [9] M. Yanto, S. R. Mulyani, dan L. Mayola, "Peramalan Jumlah Produksi Air Dengan Algoritma *Backpropagation*," *Sebatik*, vol. 23, no. 1, hlm. 172177, Jun 2019, doi: 10.46984/sebatik.v23i1.465.
- [10] T. Lattifia, P. W. Buana, dan N. K. D. Rusjyanthi, "Model Prediksi Cuaca Menggunakan Metode *LSTM*," *JITTER J. Ilm. Teknol. Dan Komput.*, vol. 3, no. 1, hlm. 994, Mar 2022, doi: 10.24843/JTRTI.2022.v03.i01.p35.
- [11] P. Liu, J. Wang, A. Sangaiah, Y. Xie, dan X. Yin, "Analysis and Prediction of Water Quality Using LSTM Deep Neural Networks in IoT Environment," *Sustainability*, vol. 11, no. 7, hlm. 2058, Apr 2019, doi: 10.3390/su11072058.

- [12] T. A. Faisal Muhammad dan M. I. Irawan, "Implementasi *Long Short-Term Memory (LSTM)* untuk Prediksi Intensitas Curah Hujan (Studi Kasus: Kabupaten Malang)," *J. Sains Dan Seni ITS*, vol. 12, no. 1, hlm. A34A39, Mei 2023, doi: 10.12962/j23373520.v12i1.106892.
- [13] R. A. Juanda dan A. A. Rohmawati, "Prediksi Harga Bitcoin Dengan Menggunakan *Recurrent Neural Network*," *E-Proceeding Eng.*, vol. 5, no. 2, hlm. 36823690, Agustus 2018.
- [14] R. A. Tilasefana dan R. E. Putra, "Penerapan Metode *Deep Learning* Menggunakan Algoritma *CNN* Dengan Arsitektur *VGG NET* Untuk Pengenalan Cuaca," *J. Inform. Comput. Sci.*, vol. 05, no. 01, 2023.
- [15] S. Supriyade, G. Firmansyah, H. Akbar, dan B. Tjahjono, "Analysis of Time Series Water Level Data Prediction Using Deep Learning Method at the Water Gate of DKI Jakarta Water Resources Office," *J. Indones. Sos. Sains*, vol. 4, no. 09, hlm. 753762, Agu 2023, doi: 10.59141/jiss.v4i09.883.
- [16] H. Tazarvi dan J. Shahrabi, "An Intelligent Hybrid Model For Reducing Non-Technical Losses In Electrical Industry," *J. Fundam. Appl. Sci.*, vol. 12, no. 1, hlm. 329377, 2020, doi: <http://dx.doi.org/10.4314/jfas.v12i1.21>.
- [17] I. N. Da Silva, D. Hernane Spatti, R. Andrade Flauzino, L. H. B. Liboni, dan S. F. Dos Reis Alves, *Artificial Neural Networks*. Cham: Springer International Publishing, 2017. doi: 10.1007/978-3-319-43162-8.
- [18] T. Varol, A. Canakci, dan S. Ozsahin, "Artificial neural network modeling to effect of reinforcement properties on the physical and

mechanical properties of Al2024B4C composites produced by powder metallurgy,” *Compos. Part B Eng.*, vol. 54, hlm. 224233, Nov 2013, doi: 10.1016/j.compositesb.2013.05.015.

[19] O. Colliot, Ed., *Machine Learning for Brain Disorders*, vol. 197. dalam *Neuromethods*, vol. 197. New York, NY: Springer US, 2023. doi: 10.1007/978-1-0716-3195-9.

[20] F. Bonassi dan R. Scattolini, ”Recurrent Neural Network-based Internal Model Control design for stable nonlinear systems,” *Eur. J. Control*, vol. 65, hlm. 100632, Mei 2022, doi: 10.1016/j.ejcon.2022.100632.

[21] W. Lu, H. Rui, C. Liang, L. Jiang, S. Zhao, dan K. Li, ”A Method Based on GA-CNN-LSTM for Daily Tourist Flow Prediction at Scenic Spots,” *Entropy*, vol. 22, no. 3, hlm. 261, Feb 2020, doi: 10.3390/e22030261.

[22] J. Lei, C. Liu, dan D. Jiang, ”Fault diagnosis of wind turbine based on Long Short-term memory networks,” *Renew. Energy*, vol. 133, hlm. 422432, Apr 2019, doi: 10.1016/j.renene.2018.10.031.

[23] G. Neves, J.-B. Chaudron, dan A. Dion, ”Recurrent Neural Networks Analysis for Embedded Systems:,” dalam *Proceedings of the 13th International Joint Conference on Computational Intelligence*, Valletta, Malta: SCITEPRESS - Science and Technology Publications, 2021, hlm. 374383. doi: 10.5220/0010715700003063.

- [24] A. Sagheer dan M. Kotb, "Time series forecasting of petroleum production using deep LSTM recurrent networks," *Neurocomputing*, vol. 323, hlm. 203213, Jan 2019, doi: 10.1016/j.neucom.2018.09.082.
- [25] A. Solanes dan J. Radua, "Advances in Using MRI to Estimate the Risk of Future Outcomes in Mental Health - Are We Getting There?," *Front. Psychiatry*, vol. 13, hlm. fpsyt-13-826111, Apr 2022, doi: 10.3389/fpsyt.2022.826111.
- [26] H. Zhang, L. Zhang, dan Y. Jiang, "Overfitting and Underfitting Analysis for Deep Learning Based End-to-end Communication Systems," dalam *2019 11th International Conference on Wireless Communications and Signal Processing (WCSP)*, Xian, China: IEEE, Okt 2019, hlm. 16. doi: 10.1109/WCSP.2019.8927876.
- [27] J. Brownlee, "What is the Dierence Between a Batch and an Epoch in a Neural Network?," 2018.
- [28] D. Soydaner, "A Comparison of Optimization Algorithms for Deep Learning," *Int. J. Pattern Recognit. Artif. Intell.*, vol. 34, no. 13, hlm. 2052013, Des 2020, doi: 10.1142/S0218001420520138.
- [29] M. Mili, J. Milojkovi, dan M. Jeremi, "Optimal Neural Network Model for Short-Term Prediction of Confirmed Cases in the COVID-19 Pandemic," *Mathematics*, vol. 10, no. 20, hlm. 3804, Okt 2022, doi: 10.3390/math10203804.