DAFTAR PUSTAKA

Aulia, Nilda. (2020). Prediksi Harga Ethereum Berdasarkan Informasi Blockchain Menggunakan Metode Long Short Term Memory. *Skripsi*. Universitas Islam Indonesia. Yogyakarta.

Badan Pusat Statistik. Jumlah Kendaraan Bermotor. Tersedia:: https://www.bps.go.id/linkTableDinamis/view/id/1133

Bhati A., Hansen M., dan Chan C. M. (2017). Energy conservation through smart homes in a smart city: A lesson for Singapore households. *Energy Policy*. vol. 104, hal. 230-239.

Benevolo, Clara & Dameri, Renata & D'Auria, Beatrice. (2016). Smart Mobility in Smart City. *Action taxonomy, ICT intensity and public benefits*. 10.1007/978-3-319-23784-8_2.

Caragliu, A., Bo, C.F., & Nijkamp, P. (2009). Smart Cities in Europe. *Journal of Urban Technology, 18*, 65 - 82.

Chu, H.-J., Huang, B., Lin, C.-Y., (2015). Modeling the spatio-temporal heterogeneity in the PM10-PM2.5 relationship. *Atmospheric Environment 102*, 176–182. https://doi.org/10.1016/j.atmosenv.2014.11.062

Chung, Hyejung & Shin, Kyung-shik. (2018). Genetic Algorithm-Optimized Long Short-Term Memory Network for Stock Market Prediction. *Sustainability*. 10. 3765. 10.3390/su10103765.

Evriyanto, Yuda. (2004). Perbandingan Metode Imputasi Untuk Mengestimasi Data Hilang pada Data Kesehatan Ibu dan Anak di Jawa Timur. Pasca Sarjana thesis, Universitas Airlangga.

Vallero D. N. (2008). *Fundamental of Air Pollution*. Elsevier, USA 9

Faishol M.A., Endroyono dan Irfansyah A.N. (2020). Prediksi Polusi Udara Perkotaan Di Surabaya Menggunakan Recurrent Neural Network-Long Short Term Memory. Junal Ilmiah Teknoogi Informasi ITS.

Febriantoro, Muhammad (2018) *Prediksi Curah Hujan Menggunakan Recurrent Neural Network - Long Short Term Memory : Studi Kasus Di Stasiun Bmkg Karangploso, Malang.* Sarjana thesis, Universitas Brawijaya.

Fitriani N.A., Syamsul A., Bambang L.W., dan Aulia S.A. (2012). *Prediksi Kadar Polutan Dengan Menggunakan Jaringan Syaraf Tiruan (JST) Untuk Pemantauan Kualitas Udara Di Kota Surabaya.* Seminar Nasional Teknik Kimia Soebardjo Brotohardjono IX. UPN Veteran Jawa Timur.

Gaspersz, Vincent. (2002). *Pedoman Implementasi Program SIX SIGMA Terintegrasi Dengan ISO 9001 : 2000, MBNQA, dan HACCP*. Jakarta: PT Gramedia Pustaka Utama.

Ghazali, Suaraya and Lokman H. (2010). *Air Quality Prediction Using Artificial Neural Network*. Universiti Tun Hussein Onn Malaysia (UTHM), Batu Pahat, Johor.

Guo, P., Wang, X. dan Han, Y., (2010). The Enhanced Genetic Algorithms for the Optimization Design. , (Bmei), pp.2990–2994

Hrdličková, Z., Michálek, J., Kolář, M., Veselý, V., (2008). Identification of factors affecting air pollution by dust aerosol PM10 in Brno City, Czech Republic. Atmospheric Environment 42, 8661–8673. https://doi.org/10.1016/j.atmosenv.2008.08.017

Health Effects Institute. (2018). State of Global Air 2018. Special Report. Boston, MA:Health Effects Institute.

Hidayati, Rini, Anggiani S.T., dan Maufikoh I. (2017). *Analisis Kejadian Penyakit Infeksi Saluran Pernapasan Akut (ISPA)berdasarkanKondisi Iklimdan Konsentrasi PM10 di Wilayah Jakarta Barat*. Jurnal Agromerat IPB.

Imura H. (2003). *The Budgets of GHGs, Urban Air Pollutants and Their Future Emission Scenarios in Selected Mega Cities in Asia (APN 2002-04)*. Final Activity Report. Air Pollution Network.

Kompas. *Polusi Udara Makin Mencemaskan – Kota Semarang Paling Parah*. 3 Februari 2005.

Kumar H., M. K. Singh, M. P. Gupta, dan J. Madaan. (2020). Moving towards smart cities: Solutions that lead to the Smart City Transformation Framework. Technological Forecasting & Social Change, vol. 153.

Lai, K. man, Emberlin, J., Colbeck, I., (2009). Outdoor environments and human pathogens in air. Environmental Health 8, S15. https://doi.org/10.1186/1476-069X-8-S1-S15

Lazaridis M. (2010). First Principles of Meteorology and Air Pollution. Enviromental and Air Pollution. Vol.10, Springer.

Majumdar D, Mukherjeea AK, Sen S. (2011). *BTEX in Ambient Air of a Metropolitan City*. J Environmental Protection. 2:11-20.doi:10.4236/jep.2011.21002.

Makridakis S., A. Andersen, R. Carbone, R. Fildes, M. Hibon, R. Lewandowski, J. Newton, E. Parzen, dan R. Winkler. (1982). The Accuracy of Extrapolative (Time Series Methods): Results of a Forecasting Competition. *Journal of Forecasting*, vol. 1, no. 2, hal. 111-153,

Naddafi, K., Nabizadeh, R., Soltanianzadeh, R., Ehrampoosh, M.H. (2006). *Evaluation of Dustfall in The Air of Yazd*. Iran. J Environ. Health. Sci. Eng. 3(3):161-168.

Nuaimi E.A., H. Al Neyadi, N. Mohamed, dan J. Al Jaroodi. (2015). Applications of big data to smart cities. J. Internet Serv Appl., vol 6, no. 25.

Olah, C. (2015, Agustus 27). Understanding LSTM Networks. Retrieved from https://colah.github.io/posts/2015-08-Understanding-LSTMs/

Ozon. *Indonesia Tak Jadi Bebas Timbel*. Februari 2003. Vol. 4, No. 5.

Pemerintah Republik Indonesia. (1999). Peraturan Pemerintah No. 41 Tahun 1999 tentang Pengendalian Pencemaran Udara. Jakarta (ID): Sekretariat Negara.

Setiawan T. (1992). *Pengaruh Polusi Asap Pabrik terhadap Kesehatan Lingkungan*. Jurnal PSL Perguruan Tinggi Seluruh Indonesia. 12(4):217-228.

Shin, K.S.; Lee, Y.J. (2002). A genetic algorithm application in bankruptcy prediction modeling. Expert Syst. Appl. 23, 321–328.

Suakanto, S., S. Supangkat, Suhardi dan R. Saragih. (2013). Smart city dashboard for integrating various data of sensor networks. 1-5. 10.1109/ICTSS.2013.6588063.

Sugiarto, I., dan U. Fadhilah. (2017). Optimasi Artificial Neural Network dengan Algorithm Genetic pada Prediksi Approval Credit Card. Jurnal Teknik Informatika STIMIK Antar Bangsa Volume 3, Nomor 2.

Sumayang, Lalu. (2003). Dasar-Dasar Manajemen Produksi dan Operasi. Salemba Empat,Jakarta.

Suri N., Z. Zielinski, M. Tortonesi, C. Fuchs, M. Pradhan, K. Wrona, J. Furtak, D. B. Vasilache, M. Street, V. Pellegrini, G. Benincasa, A. Morelli, C. Stefanelli, E. Casini, dan M. Dyk. (2018). Exploiting smart city IoT for disaster recovery operations. Proc. IEEE World Forum on Internet of Things, hal. 458-463.

Syahrani A. 2006. "Analisis Kinerja Mesin Bensin Berdasarkan Hasil Uji Emisi," SMARTek, Volume 4, Nomor 4.

Tian, C., & dkk. (2018). A Deep Neural Network Model for Short-Term Load Forecast Based on Long Short-Term Memory Network and Convolutional Neural Network. Energies, 3-4. https://www.mdpi.com/1996-1073/11/12/3493/pdf.

Tresnasari S., Budiyono dan Suhartono. (2018). Gambaran Pola Pencemar Udara di Wilayah Sekitar Bundaran Hotel Indonesia Tahun 2017. Jurnal Kesehatan Masyarakat Volume 6, Nomor 6, Edisi Oktober UNDIP.

Usnabeti, Wulandari, R., Luciana, R., (2010). PM10 dan Infeksi Saluran Pernapasan Akut pada Pekerja Industri Mebel. MAKARA KESEHATAN 14, 25–30.

Warsito, B., Rusgiyono, A., dan Amirillah, M.A. (2008). *Pemodelan General Regression Neural Network pada Data Pencemaran Udara di Kota Semarang*. Jurnal PRESIPITASI Volume 4 No 1 Edisi Maret. UNDIP.

World Health Organization. (2018). World health statistics 2018: monitoring health for the SDGs. *Sustainable development goals*, Geneva.

Wu EMY, Kuo SL. (2013). *A Study on the Use of a Statistical Analysis Model to Monitor Air Pollution Status in an Air Quality Total Quantity Control District*. Atmosphere. 4:349-364.doi:10.3390/atmos4040349.

Wulandari, A., D, Y. H., & Raharjo, M. (2016). Analisis Risiko Kesehatan Lingkungan Pajanan Particullate Matter (PM10) Pada Pedagang Kaki Lima Akibat Transportasi (Studi Kasus: Jalan Kaligawe Kota Semarang). Departemen Kesehatan Masyarakat , 4 (3), 677-691.

Zahara, S., Sugianto, & Ilmiddafiq, M. B. (2019). Prediksi Indeks Harga Konsumen Menggunakan Metode Long Short Term Memory (LSTM) Berbasis Cloud Computing. Resti, 357.

Zheng, J., & dkk. (2017). Electric Load Forecasting in Smart Grid Using LongShort-Term-Memory based. 51st Annual Conference on Information Sciences and Systems (CISS), doi: 10.1109/CISS.2017.7926112, 1-6.