

DAFTAR PUSTAKA

- Ackerman, A. S., Kirkpatrick, M. P., Stevens, D. E., & Toon, O. B. (2004). The impact of humidity above stratiform clouds on indirect aerosol climate forcing. *Nature*, 432(7020), 1014-1017.
- Aeschlimann, M., Li, G., Kanji, Z. A., & Mitrano, D. M. (2022). Potential impacts of atmospheric microplastics and nanoplastics on cloud formation processes. *Nature Geoscience*, 15(12), 967-975.
- Arafah, W., Nugroho, L., Takaya, R., & Soekapdjo, S. (2018). Marketing strategy for renewable energy development in Indonesia context today. *International Journal of Energy Economics and Policy*, 8(5), 181-186.
- Argina, A. M. (2020). Penerapan Metode Klasifikasi K-Nearest Neighbor pada Dataset Penderita Penyakit Diabetes. *Indonesian Journal of Data and Science*, 1(2), 29-33.
- Azmi, A. U., Hadi, A. F., Anggraeni, D., & Riski, A. (2021, May). *Naive bayes methods for rainfall prediction classification in Banyuwangi*. In *Journal of Physics: Conference Series* (Vol. 1872, No. 1, p. 012028). IOP Publishing.
- Babu Nuthalapati, S., & Nuthalapati, A. (2024). Accurate weather forecasting with dominant *gradient boosting* using *machine learning*. *Int. J. Sci. Res. Arch*, 12(2), 408-422.
- Baran, A., Lerch, S., El Ayari, M., & Baran, S. (2021). *Machine learning for total cloud cover prediction*. *Neural Computing and Applications*, 33(7), 2605-2620.
- Baştanlar, Y., & Özuysal, M. (2014). Introduction to *machine learning*. *miRNomics: MicroRNA biology and computational analysis*, 105-128.
- Bochenek, B., & Ustrnul, Z. (2022). *Machine learning in weather prediction and climate analyses—applications and perspectives*. *Atmosphere*, 13(2), 180.
- Calbó, J., Long, C. N., González, J. A., Augustine, J., & McComiskey, A. (2017). The thin border between cloud and aerosol: Sensitivity of several ground based observation techniques. *Atmospheric Research*, 196, 248-260.
- De Ville, B. (2013). *Decision Trees*. *Wiley Interdisciplinary Reviews: Computational Statistics*, 5(6), 448-455.
- Dzeroski, S., Kobler, A., Gjorgjioski, V., & Panov, P. (2006). Using *Decision Trees* to Predict Forest Stand Height and Canopy Cover from LANDSAT and LIDAR Data. In *EnviroInfo* (pp. 125-133).
- Eberhardt, I. D. R., Schultz, B., Rizzi, R., Sanches, I. D. A., Formaggio, A. R., Atzberger, C., ... & José Barreto Luiz, A. (2016). Cloud cover assessment for operational crop monitoring systems in tropical areas. *Remote Sensing*, 8(3), 219.

- Flowers, M. E., Smith, M. K., Parsekian, A. W., Boyuk, D. S., McGrath, J. K., & Yates, L. (2016). Climate impacts on the cost of solar energy. *Energy Policy*, *94*, 264-273.
- Fountoulakis, I., Kosmopoulos, P., Papachristopoulou, K., Raptis, I. P., Mamouri, R. E., Nisantzi, A., ... & Kazadzis, S. (2021). Effects of aerosols and clouds on the levels of surface solar radiation and solar energy in Cyprus. *Remote Sensing*, *13*(12), 2319.
- Graf, R., Zeldovich, M., & Friedrich, S. (2024). Comparing linear discriminant analysis and supervised learning algorithms for binary classification—A method comparison study. *Biometrical Journal*, *66*(1), 2200098.
- Gunoto, P., & Sofyan, S. (2020). Perancangan Pembangkit Listrik Tenaga Surya 100 Wp Untuk Penerangan Lampu Di Ruang Selasar Fakultas Teknik Universitas Riau Kepulauan. *Sigma Teknika*, *3*(2), 96-106.
- Habsah, A. P., As'ari, R., Ningsih, M. P., & Fadirubun, F. F. (2023). Meningkatkan penguasaan konsep materi klasifikasi awan melalui model pembelajaran discovery learning. *SOSEARCH: Social Science Educational Research*, *3*(2), 81-86.
- Haut, J., Paoletti, M., Paz-Gallardo, A., Plaza, J., Plaza, A., & Vigo-Aguiar, J. (2017, July). Cloud implementation of *Logistic Regression* for hyperspectral image classification. In *Proc. 17th Int. Conf. Comput. Math. Methods Sci. Eng.(CMMSE)* (Vol. 3, pp. 1063-2321). Cádiz, Spain: Costa Ballena (Rota).
- Hutajulu, A. G., Siregar, M. R., & Pambudi, M. P. (2020). Rancang Bangun Pembangkit Listrik Tenaga Surya (Plts) On Grid Di Ecopark Ancol. *TESLA: Jurnal Teknik Elektro*, *22*(1), 23-33.
- Julisman, A., Sara, I. D., & Siregar, R. H. (2017). Prototipe Pemanfaatan Panel Surya Sebagai Sumber Energi Pada Sistem Otomasi Stadion Bola. *Jurnal Komputer, Informasi Teknologi, dan Elektro*, *2*(1).
- Kiladis, G. N., Dias, J., Straub, K. H., Wheeler, M. C., Tulich, S. N., Kikuchi, K., ... & Ventrice, M. J. (2014). A comparison of OLR and circulation-based indices for tracking the MJO. *Monthly Weather Review*, *142*(5), 1697-1715.
- Kurniawan, I., Ichwani, R., Fionasari, R., Batubara, A., & Huda, A. (2022). Indonesia's Renewable Energy Outlook: What to Expect in The Future Renewable Energy of Indonesia. A Brief Review. *Elkawnie: Journal of Islamic Science and Technology*, *8*(2), 298-313.
- Kwon, Y., Kwasinski, A., & Kwasinski, A. (2019). Solar irradiance forecast using naïve Bayes classifier based on publicly available weather forecasting variables. *Energies*, *12*(8), 1529.
- Lau, K. K. L., Lindberg, F., Johansson, E., Rasmussen, M. I., & Thorsson, S. (2017). Investigating solar energy potential in tropical urban environment: A case study of Dar es Salaam, Tanzania. *Sustainable cities and Society*, *30*, 118-127.

- Leni, D., Dwiharzandis, A., Sumiati, R., Haris, H., & Afriyani, S. (2023). Seleksi Fitur Berdasarkan Korelasi Pearson dalam Pemodelan Efisiensi Energi Bangunan. *Teknika Sains: Jurnal Ilmu Teknik*, 8(2), 103-115.
- Manabe, S., & Möller, F. (1961). On the radiative equilibrium and heat balance of the atmosphere. *Monthly Weather Review*, 89(12), 503-532.
- Marzouk, O. A. (2022). Land-Use competitiveness of photovoltaic and concentrated solar power technologies near the Tropic of Cancer. *Solar Energy*, 243, 103-119.
- Matrix, C., Model, M. L., Descent, S. G., Sanjaya, M. O., No, J. K. T., Timur, K., & Sumbarsari, K. J. (2023). Virtual Assistant for Thesis Technical Guide Using Artificial Neural Network. *Indonesian Journal of Artificial Intelligence and Data Mining (JAIDM)*, 6(2), 188-196.
- Mauladhani, A. E. (2023). Analisis Dampak Pemanfaatan Energi Matahari Terhadap Perubahan Iklim Di Indonesia. *Jurnal Pendidikan, Sains Dan Teknologi*, 2(2), 955-957.
- Mendoza, V., Pazos, M., Garduño, R., & Mendoza, B. (2021). Thermodynamics of climate change between cloud cover, atmospheric temperature and humidity. *Scientific Reports*, 11(1), 21244.
- Michael P.L., (2008). *Logistic Regression, Statistical Primer for Cardiovascular Research*, 117, 2395-2399.
- Mueller, R., Trentmann, J., Träger-Chatterjee, C., Posselt, R., & Stöckli, R. (2011). The role of the effective cloud albedo for climate monitoring and analysis. *Remote Sensing*, 3(11), 2305-2320.
- Murphy, K. P. (2006). *Naive bayes classifiers*. *University of British Columbia*, 18(60), 1-8.
- Nakazawa, T. (1986). Intraseasonal variations of OLR in the tropics during the FGGE year. *Journal of the Meteorological Society of Japan*. Ser. II, 64(1), 17-34.
- Natekin, A., & Knoll, A. (2013). *Gradient boosting machines, a tutorial*. *Frontiers in neurobotics*, 7, 21.
- Norris, J. R., & Wild, M. (2007). Trends in aerosol radiative effects over Europe inferred from observed cloud cover, solar “dimming,” and solar “brightening”. *Journal of Geophysical Research: Atmospheres*, 112(D8).
- Nurjaman, H. B., & Purnama, T. (2022). Pembangkit Listrik Tenaga Surya (PLTS) sebagai solusi energi terbarukan rumah tangga. *Jurnal Edukasi Elektro*, 6(2), 136-142.
- Orsini, A., Tomasi, C., Calzolari, F., Nardino, M., Cacciari, A., & Georgiadis, T. (2002). Cloud cover classification through simultaneous ground-based measurements of solar and infrared radiation. *Atmospheric Research*, 61(4), 251-275.
- Paradongan, H. T., Hakam, D. F., Wiryono, S. K., Prahastono, I., Aditya, I. A., Banjarnahor, K. M., ... & Asekomeh, A. (2024). Techno-economic feasibility

study of solar photovoltaic power plant using RETScreen to achieve Indonesia energy transition. *Heliyon*, 10(7).

- Pavuluri, B. L., Vejendla, R. S., Jithendra, P., Deepika, T., & Bano, S. (2020, September). Forecasting meteorological analysis using *machine learning* algorithms. In *2020 International conference on smart electronics and communication (ICOSEC)* (pp. 456-461). IEEE.
- Pfister, G., McKenzie, R. L., Liley, J. B., Thomas, A., Forgan, B. W., & Long, C. N. (2003). Cloud coverage based on all-sky imaging and its impact on surface solar irradiance. *Journal of applied meteorology and climatology*, 42(10), 1421-1434.
- Shah, D. A., Molineros, J. E., Paul, P. A., Willyerd, K. T., Madden, L. V., & De Wolf, E. D. (2013). Predicting Fusarium head blight epidemics with weather-driven pre-and post-anthesis *Logistic Regression* models. *Phytopathology*, 103(9), 906-919.
- Shen, Y., Chang, R., He, X., Jiang, Y., Zhao, D., & Ma, J. (2013, December). Practice of Meteorological Services in Turpan Solar Eco-City in China. In *AGU Fall Meeting Abstracts* (Vol. 2013, pp. A14E-01).
- Siregar, D. C., Kusumah, B. W., & Ardah, V. P. (2019). Analisis variabilitas curah hujan dan suhu udara di Tanjungpinang. *Jurnal Material dan Energi Indonesia*, 9(2), 53–60. © Departemen Fisika FMIPA Universitas Padjadjaran.
- Wang, B., Hu, W., Li, J., Zhi, Y., Li, Z., Hong, Q., ... & Yang, C. (2021, December). Olr 2021 challenge: Datasets, rules and baselines. In *2021 Asia-Pacific Signal and Information Processing Association Annual Summit and Conference (APSIPA ASC)* (pp. 1097-1103). IEEE.
- Xu, J., Cao, Y., Li, H., & Zhao, M. (2005, May). Ranking definitions with supervised learning methods. In *Special interest tracks and posters of the 14th international conference on World Wide Web* (pp. 811-819).
- Xu, W., Ning, L., & Luo, Y. (2020). Wind speed forecast based on post-processing of numerical weather predictions using a *gradient boosting Decision Tree* algorithm. *Atmosphere*, 11(7), 738.
- Zhang, Z., Qiu, J., Xiang, R., Yu, H., Xu, X., & Zhu, L. (2019). Organic loading rate (OLR) regulation for enhancement of aerobic sludge granulation: Role of key microorganism and their function. *Science of The Total Environment*, 653, 630-637.
- Zou, K. H., Tuncali, K., & Silverman, S. G. (2003). Correlation and *simple Linear Regression*. *Radiology*, 227(3), 617-628.