

DAFTAR PUSTAKA

- Arifiyanti, A. A., Pandji, M. F., & Utomo, B. (2022). Analisis Sentimen Ulasan Pengunjung Objek Wisata Gunung Bromo pada Situs Tripadvisor. *Explore: Jurnal Sistem Informasi dan Telematika*, 13(1), 32. <https://doi.org/10.36448/jsit.v13i1.2539>
- Azhar, A. N., Khodra, M. L., & Sutiono, A. P. (2019). Multi-label Aspect Categorization with Convolutional Neural Networks and Extreme Gradient Boosting. *2019 International Conference on Electrical Engineering and Informatics (ICEEI)*, 35–40. <https://doi.org/10.1109/ICEEI47359.2019.8988898>
- Badan Pusat Statistik. (2022). *Jumlah Perjalanan Wisatawan Nusantara*. Badan Pusat Statistik.
- Badan Strategi Kebijakan Luar Negeri Kemlu RI, & Sekolah Kajian Strategik dan Global Universitas Indonesia. (2021). *Pariwisata Indonesia Pasca Pandemi, Pemulihan Pasar, dan Kerja Sama dengan Kawasan Amerika: Perlunya Konsolidasi Nasional*.
- Cai, Y., Li, Y., & Zheng, Z. (2015). OVERSAMPLING METHOD FOR IMBALANCED CLASSIFICATION. *Computing and Informatics*, 34(5), 1017–1037.
- Chen, T., & Guestrin, C. (2016). XGBoost: A scalable tree boosting system. *Proceedings of the ACM SIGKDD International Conference on Knowledge Discovery and Data Mining, 13-17-August-2016*, 785–794. <https://doi.org/10.1145/2939672.2939785>
- Chen, T., He, T., Benesty, M., Khotilovich, V., Tang, Y., Cho, H., Chen, K., Mitchell, R., Cano, I., & Zhou, T. (2023). xgboost: eXtreme Gradient Boosting. *R package version 0.4-2*, 1(4), 1–4.
- Elistia. (2020). Perkembangan Dan Dampak Pariwisata Di Indonesia Masa Pandemi Covid-19. *Jurnal UMJ*. www.wartaekonomi.co.id,

- Elkan, C. (2001). The Foundations of Cost-Sensitive Learning. *International joint conference on artificial intelligence*, 17(1), 973–978.
- Fandeli, C., & Mukhlison. (2000). *Pengusahaan ekowisata*. Fakultas Kehutanan Universitas Gajah Mada.
- Fimoza, D. (2019). ANALISIS SENTIMEN TERHADAP FILM INDONESIA DENGAN PENDEKATAN BERT. *Expert Systems with Applications*, 272–299.
- Gosain, A., & Sardana, S. (2017). 2017 International Conference on Advances in Computing, Communications and Informatics (ICACCI) : 13-16 Sept. 2017. *International Conference on Advances in Computing, Communications and Informatics (ICACCI)*, 79–85. <https://doi.org/10.1109/ICACCI.2017.8125820>
- Grandini, M., Bagli, E., & Visani, G. (2020). *Metrics for Multi-Class Classification: an Overview*. <http://arxiv.org/abs/2008.05756>
- Guo, R., Zhao, Z., Wang, T., Liu, G., Zhao, J., & Gao, D. (2020). Degradation State Recognition of Piston Pump Based on ICEEMDAN and XGBoost. *Applied Sciences*, 10(18), 6593. <https://doi.org/10.3390/app10186593>
- Han, J., Kamber, M., & Pei, J. (2011). *Data Mining. Concepts and Techniques, 3rd Edition (The Morgan Kaufmann Series in Data Management Systems)*.
- Hermawati, F. (2013). *Data Mining* (P. Christian, Ed.; 1 ed.). Andi.
- Hevner, A., & Park, J. (2004). *DESIGN SCIENCE IN INFORMATION SYSTEMS RESEARCH* (Vol. 7). <https://www.researchgate.net/publication/201168946>
- Juliasari, N., & Sitompul, J. C. (2012). *APLIKASI SEARCH ENGINE DENGAN METODE DEPTH FIRST SEARCH (DFS)* (Vol. 9, Nomor 1April).
- Kaur, H., Pannu, H. S., & Malhi, A. K. (2019). A systematic review on imbalanced data challenges in machine learning: Applications and solutions. Dalam *ACM Computing Surveys* (Vol. 52, Nomor 4). Association for Computing Machinery. <https://doi.org/10.1145/3343440>

- Kukar, M., & Kononenko, I. (2007). *Machine Learning and Data Mining: Introduction to Principles and Algorithms*. Woodhead Publishing.
- Kusrini, & Luthfi, E. (2009). *Algoritma Data Mining* (T. Prabawati, Ed.). Andi.
- Li, J., & Wong, L. (2004). Rule-based data mining methods for classification problems in biomedical domains. *15th European Conference on Machine Learning and 8th European Conference on Principles and Practice for of Knowledge Discovery in Databases*.
- Li, S., & Zhang, X. (2020). Research on orthopedic auxiliary classification and prediction model based on XGBoost algorithm. *Neural Computing and Applications*, 32(7), 1971–1979. <https://doi.org/10.1007/s00521-019-04378-4>
- Li, Y., Sun, G., & Zhu, Y. (2010). Data Imbalance Problem in Text Classification. *2010 Third International Symposium on Information Processing*, 301–305. <https://doi.org/10.1109/ISIP.2010.47>
- Liu, B. (2012). *Sentiment Analysis and Opinion Mining*. Morgan & Claypool Publishers.
- Liu, H., & Cocca, M. (2019). Nature-inspired framework of ensemble learning for collaborative classification in granular computing context. *Granular Computing*, 4(4), 715–724. <https://doi.org/10.1007/s41066-018-0122-5>
- Liu, H., & Zhang, L. (2019). Advancing Ensemble Learning Performance through data transformation and classifiers fusion in granular computing context. *Expert Systems with Applications*, 131, 20–29. <https://doi.org/10.1016/j.eswa.2019.04.051>
- Nasim, Z., & Haider, S. (2017). ABSA Toolkit: An Open Source Tool for Aspect Based Sentiment Analysis. *International Journal on Artificial Intelligence Tools*, 26(06), 1750023. <https://doi.org/10.1142/S0218213017500233>
- Nazir, A., Rao, Y., Wu, L., & Sun, L. (2022). Issues and Challenges of Aspect-based Sentiment Analysis: A Comprehensive Survey. *IEEE Transactions on*

Affective Computing, 13(2), 845–863.
<https://doi.org/10.1109/TAFFC.2020.2970399>

Novak, P. K., Smailović, J., Sluban, B., & Mozetič, I. (2015). Sentiment of emojis. *PLoS ONE*, 10(12). <https://doi.org/10.1371/journal.pone.0144296>

Nurzahputra, A., & Muslim, A. (2016). Analisis Sentimen pada Opini Mahasiswa Menggunakan Natural Language Processing. Dalam *Seminar Nasional Ilmu Komputer*.

Ruuska, S., Hämäläinen, W., Kajava, S., Mughal, M., Matilainen, P., & Mononen, J. (2018). Evaluation of the confusion matrix method in the validation of an automated system for measuring feeding behaviour of cattle. *Behavioural Processes*, 148, 56–62. <https://doi.org/10.1016/j.beproc.2018.01.004>

Shamsudin, H., Yusof, U. K., Jayalakshmi, A., & Akmal Khalid, M. N. (2020). Combining oversampling and undersampling techniques for imbalanced classification: A comparative study using credit card fraudulent transaction dataset. *IEEE International Conference on Control and Automation, ICCA, 2020-October*, 803–808. <https://doi.org/10.1109/ICCA51439.2020.9264517>

Shearer, C. (2000). The CRISP-DM model: the new blueprint for data mining. *Journal of data warehousing*, 5, 13–22.

Shelke, M. S., Deshmukh, P. R., & Shandilya, V. K. (2017). A Review on Imbalanced Data Handling Using Undersampling and Oversampling Technique. *International Journal of Recent Trends in Engineering and Research*, 3(4), 444–449. <https://doi.org/10.23883/ijrter.2017.3168.0uwxm>

Sunata, H., Azrullah, F. J., & Rianto, Y. (2020). *Komparasi Tujuh Algoritma Identifikasi Fraud ATM Pada PT. Bank Central Asia Tbk* (Vol. 7, Nomor 3). <http://jurnal.mdp.ac.id>

Susanto, V. (2020, Januari 29). *Sepanjang 2019, devisa sektor pariwisata mencapai Rp 280 triliun*. Kontan. <https://nasional.kontan.co.id/news/sepanjang-2019-devisa-sektor-pariwisata-mencapai-rp-280-triliun?page=2>

- Tempola, F., Muhammad, M., & Khairan, A. (2018). *PERBANDINGAN KLASIFIKASI ANTARA KNN DAN NAIVE BAYES PADA PENENTUAN STATUS GUNUNG BERAPI DENGAN K-FOLD CROSS VALIDATION COMPARISON OF CLASSIFICATION BETWEEN KNN AND NAIVE BAYES AT THE DETERMINATION OF THE VOLCANIC STATUS WITH K-FOLD CROSS VALIDATION*. 5(5), 577–584. <https://doi.org/10.25126/jtiik20185983>
- Turland, M. (2010). *Phparchitect's guide to web scraping with PHP*.
- Villalobos-Arias, L., Quesada-López, C., Guevara-Coto, J., Martínez, A., & Jenkins, M. (2020). Evaluating hyper-parameter tuning using random search in support vector machines for software effort estimation. *PROMISE 2020 - Proceedings of the 16th ACM International Conference on Predictive Models and Data Analytics in Software Engineering, Co-located with ESEC/FSE 2020*, 31–40. <https://doi.org/10.1145/3416508.3417121>
- Weerts, H. J. P., Mueller, A. C., & Vanschoren, J. (2020). *Importance of Tuning Hyperparameters of Machine Learning Algorithms*. <http://arxiv.org/abs/2007.07588>
- World Tourism Organization. (2007). *A practical guide to tourism destination management*. WTO.
- Yulianti, E. H., Soesanto, O., & Sukmawaty, Y. (2022). Penerapan Metode Extreme Gradient Boosting (XGBOOST) pada Klasifikasi Nasabah Kartu Kredit. *JOMTA Journal of Mathematics: Theory and Applications*, 4(1).
- Zhang, L., Yang, Y., Deng, Y., Kang, H., & Hua-ng, T. (2022). Application of Stacking-Based Ensemble Learning Model for Water Quality Prediction. *Asian Research Journal of Mathematics*, 69–79. <https://doi.org/10.9734/arjom/2022/v18i730391>