

DAFTAR PUSTAKA

- Adiwijaya, I. (2006). Text Mining dan Knowledge Discovery. *Kolokium Bersama Komunitas Data Mining Indonesia & Soft-Computing Indonesia*. [http://web.ipb.ac.id/~ir-lab/pdf/tm \(text summarization\).pdf](http://web.ipb.ac.id/~ir-lab/pdf/tm (text summarization).pdf)
- Agarwal, A., Xie, B., Vovsha, I., Rambow, O., & Passonneau, R. (2011). Sentiment Analysis of Twitter Data. *Proceedings of the Workshop on Language in Social Media ({LSM} 2011)*, 30–38. <https://aclanthology.org/W11-0705>
- Armah, G. K., Luo, G., & Qin, K. (2014). A Deep Analysis of the Precision Formula for Imbalanced Class Distribution. *International Journal of Machine Learning and Computing*, 4(5), 417–422. <https://doi.org/10.7763/ijmlc.2014.v4.447>
- Batista, G. E. A. P. A., Prati, R. C., & Monard, M. C. (2004). A Study of the Behavior of Several Methods for Balancing Machine Learning Training Data. *ACM Special Interest Group on Knowledge Discovery in Data*, 6(1), 20–29.
- Bing, L., Carey, M. J., Ceri, S., Board, E., Bernstein, P., Dayal, U., Faloutsos, C., Freytag, J. C., Gardarin, G., Jonker, W., Krishnamurthy, V., Neimat, M.-A., Valduriez, P., Weikum, G., Whang, K.-Y., & Widom, J. (2011). *Web Data Mining, 2nd Edition: Exploring Hyperlinks, Contents, and Usage Data* (M. J. Carey & S. Ceri, Ed.; 2 ed.). Springer.
- Bourequat, W., & Mourad, H. (2021). Sentiment Analysis Approach for Analyzing iPhone Release using Support Vector Machine. *International Journal of Advances in Data and Information Systems*, 2(1), 36–44. <https://doi.org/10.25008/ijadis.v2i1.1216>
- Chawla, N. V., Bowyer, K. W., Hall, L. O., & Kegelmeyer, W. P. (2002). SMOTE: Synthetic minority over-sampling technique. *Journal of Artificial Intelligence Research*, 16, 321–357. <https://doi.org/10.1613/jair.953>

- Choirunnisa, S., & Lianto, J. (2018). Hybrid method of undersampling and oversampling for handling imbalanced data. *2018 International Seminar on Research of Information Technology and Intelligent Systems, ISRITI 2018*, 276–280. <https://doi.org/10.1109/ISRITI.2018.8864335>
- Deepak, A. P., & Chouhan, S. (2013). *SVM Kernel Functions for Classification*.
- Dixon, S. J. (2022). *Number of monetizable daily active Twitter users (mDAU) worldwide from 1st quarter 2017 to 2nd quarter 2022*. Statista. <https://www.statista.com/statistics/970920/monetizable-daily-active-twitter-users-worldwide/>
- Esparza, G. G., de-Luna, A., Zezzatti, A. O., Hernandez, A., Ponce, J., Álvarez, M., Cossio, E., & Nava, J. de J. (2018). A sentiment analysis model to analyze students reviews of teacher performance using support vector machines. *Advances in Intelligent Systems and Computing*, 620, 157–164. https://doi.org/10.1007/978-3-319-62410-5_19
- Fayyad, U., Piatetsky-Shapiro, G., & Smyth, P. (1996). From Data Mining to Knowledge Discovery in Databases) (© AAAI). *AI Magazine*, 17(3). www.ffdly.com/
- Gao, Q., Jin, X., Xia, E., Wu, X., Gu, L., Yan, H., Xia, Y., & Li, S. (2020). Identification of Orphan Genes in Unbalanced Datasets Based on Ensemble Learning. *Frontiers in Genetics*, 11. <https://doi.org/10.3389/fgene.2020.00820>
- Ghosh, S., Dasgupta, A., & Swetapadma, A. (2019). A Study on Support Vector Machine based Linear and Non-Linear Pattern Classification. *International Conference on Intelligent Sustainable Systems (ICISS 2019)*.
- Gokulakrishnan, B., Priyanthan, P., Ragavan, T., Prasath, N., & Perera, A. (2012). Opinion Mining and Sentiment Analysis on a Twitter Data Stream. *The International Conference on Advances in ICT for Emerging Regions*, 182–188.

- Gorunescu, F. (2011). *Data Mining: Concepts, Models and Techniques*. Springer.
- Hermanto, Kuntoro, A. Y., Asra, T., Pratama, E. B., Effendi, L., & Ocanitra, R. (2020). Gojek and Grab User Sentiment Analysis on Google Play Using Naive Bayes Algorithm and Support Vector Machine Based Smote Technique. *Journal of Physics: Conference Series*, 1641(1). <https://doi.org/10.1088/1742-6596/1641/1/012102>
- Hevner, A. R., March, S. T., Park, J., & Ram, S. (2004). Design Science in Information Systems Research. Dalam *Source: MIS Quarterly* (Vol. 28, Nomor 1).
- Humas Sekretariat Kabinet Republik Indonesia. (2022, Agustus 29). *Pemerintah Segera Salurkan Bantalan Sosial Tambahan Rp24,17 Triliun*. Sekretariat Kabinet Republik Indonesia. <https://setkab.go.id/pemerintah-segera-salurkan-bantalan-sosial-tambahan/>
- Indurkhy, N., & Damerau, F. J. (2010). *Natural Language Processing Second Edition* (R. Herbrich & T. Graepel, Ed.; 2 ed.). CRC Press.
- Islam Sajib, M., Mahmud Shargo, S., & Hossain, A. (2019, Desember 18). Comparison of the efficiency of Machine Learning algorithms on Twitter Sentiment Analysis of Pathao. *22nd International Conference on Computer and Information Technology (ICCIT)*.
- Kanakaraddi, S. G., Chikaraddi, A. K., Gull, K. C., & Hiremath, P. S. (2020). Comparison Study of Sentiment Analysis of Tweets using Various Machine Learning Algorithms. *Proceedings of the 5th International Conference on Inventive Computation Technologies, ICICT 2020*, 287–292. <https://doi.org/10.1109/ICICT48043.2020.9112546>
- Kemp, S. (2022a). *Digital 2022: Another Year of Bumper Growth*. We Are Social. <https://wearesocial.com/uk/blog/2022/01/digital-2022-another-year-of-bumper-growth-2/>

- Kemp, S. (2022b). *Digital 2022: Indonesia*. DataReportal. <https://datareportal.com/reports/digital-2022-indonesia>
- Liu, B. (2012). *Sentiment Analysis and Opinion Mining*. Morgan & Claypool Publishers.
- Lutfi, A. A., Permanasari, A. E., & Fauziati, S. (2018). Sentiment Analysis in the Sales Review of Indonesian Marketplace by Utilizing Support Vector Machine. *Journal of Information Systems Engineering and Business Intelligence*, 4(1), 57. <https://doi.org/10.20473/jisebi.4.1.57-64>
- Maclean, F., Jones, D., Carin-Levy, G., & Hunter, H. (2013). Understanding twitter. Dalam *British Journal of Occupational Therapy* (Vol. 76, Nomor 6, hlm. 295–298). <https://doi.org/10.4276/030802213X13706169933021>
- Mangeshwuri, D. R. (2022). Kenaikan Harga Bahan Bakar Minyak Pertamax dan Strategi Kebijakannya. *Pusat Pelatihan Badan Keahlian DPR RI*, 14(7).
- Meirista, E., Mukhlash, I., & Setiyono, B. (2015). *The Application of Support Vector Machine (SVM) Method For Classify Leaves Finger Plants and Weeds Based On Leaves Shape and Texture Features*. Institut Teknologi Sepuluh Nopember.
- Mohaimin Rahat, A., Kahir, A., & Kaisar Mohammad Masum, A. (2019, November 22). Comparison of Naive Bayes and SVM Algorithm based on Sentiment Analysis Using Review Dataset. *8th International Conference on System Modeling & Advancement in Research Trends*.
- Mohammed, R., Rawashdeh, J., & Abdullah, M. (2020). Machine Learning with Oversampling and Undersampling Techniques: Overview Study and Experimental Results. *2020 11th International Conference on Information and Communication Systems, ICICS 2020*, 243–248. <https://doi.org/10.1109/ICICS49469.2020.9239556>
- Muntasir Nishat, M., Faisal, F., Jahan Ratul, I., Al-Monsur, A., Ar-Rafi, A. M., Nasrullah, S. M., Reza, M. T., & Khan, M. R. H. (2022). A Comprehensive

Investigation of the Performances of Different Machine Learning Classifiers with SMOTE-ENN Oversampling Technique and Hyperparameter Optimization for Imbalanced Heart Failure Dataset. *Scientific Programming*, 2022. <https://doi.org/10.1155/2022/3649406>

Muschelli, J. (2020). ROC and AUC with a Binary Predictor: a Potentially Misleading Metric. *Journal of Classification*. <https://doi.org/10.1007/s00357-019-09345-1>

Nadkarni, P. M., Ohno-Machado, L., & Chapman, W. W. (2011). Natural language processing: An introduction. Dalam *Journal of the American Medical Informatics Association* (Vol. 18, Nomor 5, hlm. 544–551). <https://doi.org/10.1136/amiajnl-2011-000464>

Nurfaizah, Hariguna, T., & Romadon, Y. I. (2019). The accuracy comparison of vector support machine and decision tree methods in sentiment analysis. *Journal of Physics: Conference Series*, 1367(1), 012025. <https://doi.org/10.1088/1742-6596/1367/1/012025>

Ortega, J. L. (2017). The presence of academic journals on Twitter and its relationship with dissemination (tweets) and research impact (citations). *Aslib Journal of Information Management*, 69(6), 674–687. <https://doi.org/10.1108/AJIM-02-2017-0055>

Pisner, D. A., & Schnyer, D. M. (2019). Support vector machine. Dalam *Machine Learning: Methods and Applications to Brain Disorders* (hlm. 101–121). Elsevier. <https://doi.org/10.1016/B978-0-12-815739-8.00006-7>

Pradha, S., Halgamuge, M. N., & Vinh. Nguyen Tran Quoc. (2019, Desember 5). Effective Text Data Preprocessing Technique for Sentiment Analysis in Social Media Data. *2019 11th International Conference on Knowledge and Systems Engineering (KSE)*. <https://doi.org/https://doi.org/10.1109/KSE.2019.8919368>

- Praghakusma, A. Z., & Charibaldi, N. (2019). *Komparasi Fungsi Kernel Metode Support Vector Machine untuk Analisis Sentimen Instagram dan Twitter (Studi Kasus : Komisi Pemberantasan Korupsi)*.
- Pratama, E. E., & Atmi, R. L. (2020). A Text Mining Implementation Based on Twitter Data to Analyse Information Regarding Corona Virus in Indonesia. *Journal of Computers for Society*, 1(1), 91–100. <https://ejournal.upi.edu/index.php/JCS>
- Qaiser, S., & Ali, R. (2018). Text Mining: Use of TF-IDF to Examine the Relevance of Words to Documents. *International Journal of Computer Applications*, 181(1), 25–29. <https://doi.org/10.5120/ijca2018917395>
- Roihan, A., Abas Sunarya, P., & Rafika, A. S. (2019). Pemanfaatan Machine Learning dalam Berbagai Bidang. Dalam *IJCIT (Indonesian Journal on Computer and Information Technology)* (Vol. 5, Nomor 1).
- Sakri, S., & Basheer, S. (2023). Fusion Model for Classification Performance Optimization in a Highly Imbalance Breast Cancer Dataset. *Electronics (Switzerland)*, 12(5). <https://doi.org/10.3390/electronics12051168>
- Sasada, T., Liu, Z., Baba, T., Hatano, K., & Kimura, Y. (2020). A resampling method for imbalanced datasets considering noise and overlap. *Procedia Computer Science*, 176, 420–429. <https://doi.org/10.1016/j.procs.2020.08.043>
- Singh, A. K., & Shashi, M. (2019). Vectorization of Text Documents for Identifying Unifiable News Articles. Dalam *IJACSA) International Journal of Advanced Computer Science and Applications* (Vol. 10, Nomor 7). www.ijacsa.thesai.org
- Sokolova, M., Japkowicz, N., & Szpakowicz, S. (2006). Beyond Accuracy, F-Score and ROC: A Family of Discriminant Measures for Performance Evaluation. Dalam A. Sattar & B. Kang (Ed.), *AI 2006: Advances in Artificial Intelligence* (hlm. 1015–1021). Springer Berlin Heidelberg.

Tim Redaksi CNBC Indonesia. (2022). *Ada yang Baru Naik, Cek Daftar Harga BBM Pertamina di SPBU.* CNBC Indonesia. <https://www.cnbcindonesia.com/news/20220908081920-4-370261/ada-yang-baru-naik-cek-daftar-harga-bbm-pertamina-di-spbu>

Tim Redaksi CNN Indonesia. (2022, Oktober 3). *Dua Periode Menjabat, Jokowi Sudah Naikkan Harga BBM 6 Kali.* CNN Indonesia. <https://www.cnnindonesia.com/ekonomi/20221003143458-85-855726/dua-periode-menjabat-jokowi-sudah-naikkan-harga-bbm-6-kali>

Ting, K. M. (2017). Encyclopedia of Machine Learning and Data Mining. Dalam *Encyclopedia of Machine Learning and Data Mining*. Springer US. <https://doi.org/10.1007/978-1-4899-7687-1>

Wang, K., Tian, J., Zheng, C., Yang, H., Ren, J., Li, C., Han, Q., & Zhang, Y. (2021). Improving risk identification of adverse outcomes in chronic heart failure using smote +enn and machine learning. *Risk Management and Healthcare Policy*, 14, 2453–2463. <https://doi.org/10.2147/RMHP.S310295>

Wiyono, S., & Abidin, T. (2019). Comparative study of machine learning KNN, SVM, and decision tree algorithm to predict student's performance. *International Journal of Research-Granthaalayah*, 7(1), 190–196.

Wongvorachan, T., He, S., & Bulut, O. (2023). A Comparison of Undersampling, Oversampling, and SMOTE Methods for Dealing with Imbalanced Classification in Educational Data Mining. *Information (Switzerland)*, 14(1). <https://doi.org/10.3390/info14010054>

Zhang, L. (2013). *Sentiment Analysis on Twitter with Stock Price and Significant Keyword Correlation* [The University of Texas]. <https://repositories.lib.utexas.edu/handle/2152/20057>

Zou, K. H., O'Malley, A. J., & Mauri, L. (2007). Receiver-operating characteristic analysis for evaluating diagnostic tests and predictive models. *Circulation*, 115(5), 654–657. <https://doi.org/10.1161/CIRCULATIONAHA.105.594929>