

DAFTAR PUSTAKA

- [1] “Asosiasi Penyelenggara Jasa Internet Indonesia - Survei.” Accessed: Sept. 17, 2025. [Online]. Available: <https://survei.apjii.or.id/>
- [2] “Digital 2024 - We Are Social Indonesia.” Accessed: Sept. 17, 2025. [Online]. Available: <https://wearesocial.com/id/blog/2024/01/digital-2024/>
- [3] “Twitter/X Users by Country 2025.” Accessed: Sept. 17, 2025. [Online]. Available: <https://worldpopulationreview.com/country-rankings/twitter-users-by-country>
- [4] N. Bahrawi, “Online Realtime Sentiment Analysis Tweets by Utilizing Streaming API Features From Twitter,” *J. Penelit. Pos Dan Inform.*, vol. 9, no. 1, p. 53, Oct. 2020, doi: 10.17933/jppi.2019.090105.
- [5] Findings on Twitter users’ political attitudes, experiences| Pew Research Center.” Accessed: Sept. 17, 2025. [Online]. Available: <https://www.pewresearch.org/politics/2022/06/16/survey-findings-on-twitter-users-political-attitudes-and-experiences/>
- [6] “populicenter.org – Public Opinion & Policy Research.” Accessed: Sept. 17, 2025. [Online]. Available: <https://populicenter.org/>
- [7] “Survei Indostrategic: Mayoritas Warga Tak Setuju IKN Segera Pindah.” Accessed: Sept. 17, 2025. [Online]. Available: <https://www.cnnindonesia.com/nasional/20230714183332-20-973640/survei-indostrategic-mayoritas-warga-tak-setuju-ikn-segera-pindah>
- [8] “Ibu Kota Nusantara,” IKN. Accessed: Sept. 17, 2025. [Online]. Available: <https://ikn.go.id/>
- [9] M. Reveilhac, S. Steinmetz, and D. Morselli, “A systematic literature review of how and whether social media data can complement traditional survey data to study public opinion,” *Multimed. Tools Appl.*, vol. 81, no. 7, pp. 10107–10142, Mar. 2022, doi: 10.1007/s11042-022-12101-0.
- [10] Y. Lin and S. Kant, “Using Social Media for Citizen Participation: Contexts, Empowerment, and Inclusion,” *Sustainability*, vol. 13, no. 12, p. 6635, June 2021, doi: 10.3390/su13126635.
- [11] B. Zhang *et al.*, “A Survey of Stance Detection on Social Media: New Directions and Perspectives,” Nov. 25, 2024, *arXiv*: arXiv:2409.15690. doi: 10.48550/arXiv.2409.15690.
- [12] P. Rahayu *et al.*, BUKU AJAR DATA MINING. 2024.
- [13] I. Putri, F. N. F. Insani, I. Budi, A. B. Santoso, and P. K. Putra, “Uncovering the Reasons Behind Abstain Voters’ Stances in the 2024 Indonesian Presidential Election: Social Media X Study Cases,” *Indones. J. Comput. Sci.*, vol. 13, no. 4, July 2024, doi: 10.33022/ijcs.v13i4.4126.
- [14] M. Gómez-Suta, J. Echeverry-Correa, and J. A. Soto-Mejía, “Stance detection in tweets: A topic modeling approach supporting explainability,” *Expert Syst. Appl.*, vol. 214, p. 119046, Mar. 2023, doi: 10.1016/j.eswa.2022.119046.
- [15] R. Egger and J. Yu, “A Topic Modeling Comparison Between LDA, NMF, Top2Vec, and BERTopic to Demystify Twitter Posts,” *Front. Sociol.*, vol. 7, p. 886498, May 2022, doi: 10.3389/fsoc.2022.886498.
- [16] “Stance Detection on Tweets with Multi-task Aspect-based Sentiment: A Case Study of COVID-19 Vaccination,” *Int. J. Intell. Eng. Syst.*, vol. 15, no. 5, pp. 515–526, Oct. 2022, doi: 10.22266/ijies2022.1031.45.

- [17] A. K. Iman and E. I. H. Ujianto, "Analisis Sentimen Pemindahan Ibu Kota Indonesia Menggunakan K-Nearest Neighbor," *J. Pendidik. Dan Teknol. Indones.*, vol. 4, no. 12, pp. 759–768, Jan. 2025, doi: 10.52436/1.jpti.546.
- [18] D. Retnoningrum, D. A. Putri, I. Budi, A. B. Santoso, and P. K. Putra, "Stance Analysis of Policies Related to Emission Test Obligations using Twitter Social Media Data," *J. Nas. Pendidik. Tek. Inform. JANAPATI*, vol. 12, no. 3, pp. 472–481, Jan. 2024, doi: 10.23887/janapati.v12i3.69004.
- [19] "Ada 27 Juta Pengguna Twitter di Indonesia, Terbanyak ke-4 Global." Accessed: Sept. 17, 2025. [Online]. Available: <https://databoks.katadata.co.id/teknologi-telekomunikasi/statistik/75dd4b36866dc54/ada-27-juta-pengguna-twitter-di-indonesia-terbanyak-ke-4-global>
- [20] F. Sulianta, *Basic Data Mining From A to Z*. 2023.
- [21] A. AlDayel and W. Magdy, "Stance Detection on Social Media: State of the Art and Trends," *Inf. Process. Manag.*, vol. 58, no. 4, p. 102597, July 2021, doi: 10.1016/j.ipm.2021.102597.
- [22] M. Hardalov, A. Arora, P. Nakov, and I. Augenstein, "A Survey on Stance Detection for Mis- and Disinformation Identification," May 08, 2022, *arXiv*: arXiv:2103.00242. doi: 10.48550/arXiv.2103.00242.
- [23] M. Burnham, "Stance detection: a practical guide to classifying political beliefs in text," *Polit. Sci. Res. Methods*, vol. 13, no. 3, pp. 611–628, July 2025, doi: 10.1017/psrm.2024.35.
- [24] H. Hendra, B. T. Sutrisno. Sp., and A. A. Setyawan, "MENGUNAKAN BINARY CLASSIFICATION UNTUK MENDETEKSI SPAM PADA SMS DENGAN METODE LOGISTIC REGRESSION," *CONTEN Comput. Netw. Technol.*, vol. 4, no. 1, pp. 21–30, Aug. 2024, doi: 10.31294/conten.v4i1.3543.
- [25] M. A. Setiawan and A. D. Hartono, "Menggunakan Metode Machine Learning Untuk Memprediksi Nilai Mahasiswa Dengan Model Prediksi Multiclass," *J. Inform.*, vol. 10, no. 1, 2025.
- [26] A. N. R. Hasanah, Rr. A. Krestianti, dan S. Wati, "Implementasi Algoritma Regresi Logistik untuk Binary Classification dalam Spam SMS dan WhatsApp," *Prosiding Seminar Nasional Inovasi Teknologi (SEMNAS INOTEK)*, vol. 7, Aug. 2023, ISSN: 2580-3336.
- [27] E. I. Saputra, M. K. Anam, H. Yenni, and A. Zamsuri, "OPTIMALISASI ALGORITMA SUPPORT VECTOR MACHINE PADA ASPECT-BASED SENTIMENT ANALYSIS MENGGUNAKAN GRIDSEARCHCV".
- [28] R. Hendayana, "Application Method of Logistic Regression Analyze the Agricultural Technology Adoption," *Inform. Pertan.*, vol. 22, 2013.
- [29] A. H. Nasrullah, "IMPLEMENTASI ALGORITMA DECISION TREE UNTUK KLASIFIKASI PRODUK LARIS," *J. Ilm. ILMU Komput.*, vol. 7, no. 2, pp. 45–51, Sept. 2021, doi: 10.35329/jiik.v7i2.203.
- [30] Suci Amaliah, M. Nusrang, and A. Aswi, "Penerapan Metode Random Forest Untuk Klasifikasi Varian Minuman Kopi di Kedai Kopi Konijiwa Bantaeng," *VARIANSI J. Stat. Its Appl. Teach. Res.*, vol. 4, no. 3, pp. 121–127, Dec. 2022, doi: 10.35580/variansiunm31.
- [31] S. Sumarlin, "Implementasi Algoritma K-Nearest Neighbor Sebagai Pendukung Keputusan Klasifikasi Penerima Beasiswa PPA dan BBM," *J. Sist.*

- Inf. BISNIS*, vol. 5, no. 1, pp. 52–62, Apr. 2015, doi: 10.21456/vol5iss1pp52-62.
- [32] J. Indriyanto and C. Supriyanto, “ALGORITMA K-NEAREST NEIGHBOR BERBASIS CHI-SQUARED UNTUK PREDIKSI NASABAH ASURANSI,” 2014.
 - [33] M. Jelita, “Text Mining dengan Topic Modelling LDA dari Pertanyaan Gelar Wicara Literasi Perpustakaan Nasional RI,” *Media Pustak.*, vol. 31, no. 3, pp. 253–265, Dec. 2023, doi: 10.37014/medpus.v31i3.5237.
 - [34] W. Wijiyanto, A. I. Pradana, S. Sopingi, and V. Atina, “Teknik K-Fold Cross Validation untuk Mengevaluasi Kinerja Mahasiswa,” *J. Algoritma*, vol. 21, no. 1, May 2024, doi: 10.33364/algoritma/v.21-1.1618.
 - [35] D. Ismunandar, M. R. Firdaus, and Y. Alkhalifi, “PENERAPAN HYPERPARAMETER MACHINE LEARNING DALAM PREDIKSI GAGAL PINJAM,” *INTI Nusa Mandiri*, vol. 19, no. 1, pp. 62–70, Aug. 2024, doi: 10.33480/inti.v19i1.5612.
 - [36] P. Chapman, J. Clinton, R. Kerber, T. Khabaza, T. Reinartz, C. Shearer, and R. Wirth, *CRISP-DM 1.0: Step-by-Step Data Mining Guide*. Chicago, IL, USA: SPSS Inc., 2000.
 - [37] M. Khaddafi, M. A. F. Purba, C. Ramadhan, and M. S. Nur, “Pengaruh Pemilihan Metode Penelitian terhadap Kualitas Hasil Penelitian Akuntansi: Studi Literatur pada Jurnal Nasional Terakreditasi,” no. 3, 2025.
 - [38] Afriani, “Klasifikasi Gambar Jenis Tulisan Kaligrafi Arab Menggunakan Metode SVM,” *Cientica: Jurnal Ilmiah Sains dan Teknologi*, vol. 2, no. 4, pp. 90–97, 2024, ISSN: 3021-8209.
 - [39] Y. E. Yuspita, R. Okra, and M. Rezeki, “PENERAPAN ALGORITMA KLASIFIKASI UNTUK PREDIKSI TINGKAT KELULUSAN MAHASISWA MENGGUNAKAN RAPPIDMINER,” vol. 6, no. 1, 2025.
 - [40] G. Iyengar, H. Lam, and T. Wang, “Is Cross-Validation the Gold Standard to Evaluate Model Performance?,” Aug. 20, 2024, *arXiv*: arXiv:2407.02754. doi: 10.48550/arXiv.2407.02754.
 - [41] D. Ismunandar, M. R. Firdaus, and Y. Alkhalifi, “PENERAPAN HYPERPARAMETER MACHINE LEARNING DALAM PREDIKSI GAGAL PINJAM,” *INTI Nusa Mandiri*, vol. 19, no. 1, pp. 62–70, Aug. 2024, doi: 10.33480/inti.v19i1.5612.
 - [42] F. Amandasari and D. Damayanti, “Perbandingan Kinerja Support Vector Machine dan Naive Bayes dalam Klasifikasi Sentimen Twitter Terhadap Pelayanan BPJS,” *J. Pendidik. Dan Teknol. Indones.*, vol. 5, no. 3, pp. 645–653, Mar. 2025, doi: 10.52436/1.jpti.680.
 - [43] R. Wijanarko, D. E. Ratnawati, and P. P. Adikara, “Analisis Sentimen Dampak Perkembangan Artificial Intelligence (AI) pada Media Sosial X/Twitter Menggunakan Metode Random Forest”.
 - [44] M. C. Hinojosa Lee, J. Braet, and J. Springael, “Performance Metrics for Multilabel Emotion Classification: Comparing Micro, Macro, and Weighted F1-Scores,” *Appl. Sci.*, vol. 14, no. 21, p. 9863, Oct. 2024, doi: 10.3390/app14219863.