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DAFTAR PUSTAKA

Aggarwal, C. C. dan Zhai, C. (eds.), 2012, *Mining Text Data*, Springer, New York.

Bickel, M. W., 2019, Reflecting trends in the academic landscape of sustainable energy using probabilistic topic modeling, *Energy, Sustainability and Society*, 9, 49.

Blei, D. M., Ng, A. Y. dan Jordan, M. I., 2003, Latent Dirichlet Allocation, *Journal of Machine Learning Research*, 3, 993–1022.

Campbell, H. V., Hindle, A. dan Stroulia, E., 2015, Latent Dirichlet Allocation: Extracting Topics from Software Engineering Data, *Advances in Computers*, 139–168.

Dehler-Holland, J., Schumacher, K. dan Fichtner, W., 2020, Topic Modeling Uncovers Shifts in Media Framing of the German Renewable Energy Act, *Patterns*, 2(1), 100169.

Devlin, J., Chang, M. W., Lee, K. dan Toutanova, K., 2019, BERT: Pre-training of Deep Bidirectional Transformers for Language Understanding, *Proceedings of the 2019 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies*, 4171–4186.

Dey, L. dan Haque, S. M., 2009, Opinion Mining from Noisy Text Data, *International Journal on Document Analysis and Recognition*, 12(3), 205–226.

Ejaz, W., Ittefaq, M. dan Jamil, S., 2023, Politics Triumphs: A Topic Modeling Approach for Analyzing News Media Coverage of Climate Change in Pakistan, *JCOM*, 22(1), A02.

Fahlevvi, M. dan SN, A., 2022, Topic Modeling on Online News Portal Using Latent Dirichlet Allocation (LDA), *Indonesian Journal of Computing and Cybernetics Systems*, 16(4), 335.

Forman, G., 2003, An Extensive Empirical Study of Feature Selection Metrics for Text Classification, *Journal of Machine Learning Research*, 3, 1289–1305.

Giganti, P. dan Falcone, P. M., 2022, Strengthening the Circular Economy–Energy Transition Nexus: A Topic Modeling Analysis, *[nama jurnal, volume, dan halaman perlu dilengkapi]*.

Griffiths, T. L. dan Steyvers, M., 2004, Finding Scientific Topics, *Proceedings of the National Academy of Sciences of the United States of America*, 101(1), 5228–5235.

Grootendorst, M., 2020, KeyBERT: Minimal Keyword Extraction with BERT, *https://github.com/MaartenGr/KeyBERT*, diakses 26 Mei 2026.

Heimerl, F., Lohmann, S., Lange, S. dan Ertl, T., 2014, Word Cloud Explorer: Text Analytics Based on Word Clouds, *Proceedings of the 47th Hawaii International Conference on System Sciences*, 1833–1842.

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Hoffman, M. D., Blei, D. M. dan Bach, F., 2010, Online Learning for Latent Dirichlet Allocation, *Advances in Neural Information Processing Systems*, 23, 856–864.

IEA, 2024a, *Renewables 2023: Analysis and Forecast to 2028*, International Energy Agency, Paris.

IEA, 2024b, *Global EV Outlook 2024: Moving Towards Increased Affordability*, International Energy Agency, Paris.

IEA, 2025, *Global Energy Review 2025*, International Energy Agency, Paris.

Jelodar, H., Wang, Y., Yuan, C., Feng, X., Jiang, X., Li, Y. dan Zhao, L., 2017, Latent Dirichlet Allocation (LDA) and Topic Modeling: Models, Applications, a Survey, *Multimedia Tools and Applications*, 78, 15169–15211.

Johri, P., Verma, J. K. dan Paul, S., 2020, *Applications of Machine Learning*, Springer Nature, Singapura.

Kannan, S. dan Gurusamy, V., 2014, Preprocessing Techniques for Text Mining, *International Journal of Computer Science and Communication*, 5(1), 165–169.

Kumar, M. dan Ng, J., 2022, Using Text Mining and Topic Modelling to Understand Success and Growth Factors in Global Renewable Energy Projects, *Renewable Energy Focus*, 175, 1–14.

Lau, J. H., Newman, D. dan Baldwin, T., 2014, Machine Reading Tea Leaves: Automatically Evaluating Topic Coherence and Topic Model Quality, *Proceedings of the 14th Conference of the European Chapter of the Association for Computational Linguistics*, 530–539.

Li, Z., 2024, Features Extraction Based on TF-IDF and Text Classification of the LDA Model, *2024 International Conference on Distributed Systems, Computer Networks and Cybersecurity (ICDSCNC)*, Bengaluru, 1–6.

Ma, W. dan Wang, W., 2024, Evolution of Renewable Energy Laws and Policies in China, *Heliyon*, 10(8), e29712.

Manning, C. D., Raghavan, P. dan Schütze, H., 2008, *Introduction to Information Retrieval*, Cambridge University Press, Cambridge.

May, C., Cotterell, R. dan Van Durme, B., 2016, An Analysis of Lemmatization on Topic Models of Morphologically Rich Language, *arXiv preprint*, arXiv:1608.03995.

Mimno, D., Wallach, H. M., Talley, E., Leenders, M. dan McCallum, A., 2011, Optimizing Semantic Coherence in Topic Models, *Proceedings of the Conference on Empirical Methods in Natural Language Processing*, 262–272.

Mitsalina, S., 2018, Analisis Sentimen dan Pemodelan Topik pada Ulasan Mobile Banking Bank Syariah di Indonesia Menggunakan Naive Bayes dan Latent

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Dirichlet Allocation, Skripsi, UIN Syarif Hidayatullah, Jakarta.

Newman, D., Lau, J., Grieser, K. dan Baldwin, T., 2010, Automatic Evaluation of Topic Coherence, *Human Language Technologies: The 2010 Annual Conference of the North American Chapter of the Association for Computational Linguistics*, 100–108.

Odenweller, A. dan Ueckerdt, F., 2024, The Green Hydrogen Ambition and Implementation Gap, *arXiv preprint*, arXiv:2406.07210.

Pamula, A., Gontar, Z., Gontar, B. dan Fesenko, T., 2023, Latent Dirichlet Allocation in Public Procurement Documents Analysis for Determining Energy Efficiency Issues in Construction Works at Polish Universities, *Energies*, 16(12), 4596.

Pietiläinen, P., 2020, Properties of Semantic Coherence Measures: Case of Topic Models, *The Fourteenth International Conference on Advances in Semantic Processing (SEMAPRO 2020)*, 36–44.

Qaiser, S. dan Ali, R., 2018, Text Mining: Use of TF-IDF to Examine the Relevance of Words to Documents, *International Journal of Computer Applications*, 179(1), 25–29.

Rahmawati, V., 2023, *Pemodelan Topik Menggunakan Latent Dirichlet Allocation dan Sentence-Bidirectional Encoder Representation from Transformer pada Laman Berita Hoax*, Skripsi, Universitas Gadjah Mada, Yogyakarta.

Reimers, N. dan Gurevych, I., 2019, Sentence-BERT: Sentence Embeddings Using Siamese BERT-Networks, *Proceedings of the 2019 Conference on Empirical Methods in Natural Language Processing and the 9th International Joint Conference on Natural Language Processing (EMNLP-IJCNLP)*, 3982–3992.

Röder, M., Both, A. dan Hinneburg, A., 2015, Exploring the Space of Topic Coherence Measures, *Proceedings of the Eighth ACM International Conference on Web Search and Data Mining*, 399–408.

Schofield, A. dan Mimno, D., 2016, Comparing Apples to Apple: The Effects of Stemmers on Topic Models, *Transactions of the Association for Computational Linguistics*, 4, 287–300.

Septian, J. A., Fahrudin, T. M. dan Nugroho, A., 2019, Analisis Sentimen Pengguna Twitter terhadap Polemik Persepakbolaan Indonesia Menggunakan Pembobotan TF-IDF dan K-Nearest Neighbor, *Journal of Intelligent System and Computation*, 1(1), 43–49.

Srivastava, A., Gunasekar, L. dan Bagyalakshmi, 2022, Embedding for Evaluation of Topic Modeling, *International Journal of Scientific Development and Research (IJSDR)*, 110–116.

Steyvers, M. dan Griffiths, T., 2007, Probabilistic Topic Models, dalam Landauer, T. K., McNamara, D. S., Dennis, S. dan Kintsch, W. (eds.), *Handbook of Latent Semantic Analysis*, Lawrence Erlbaum Associates, Mahwah, 427–

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448.

Taddei, M., Contreras, H., Doan, H. N., McCarthy, D. P., Seo, S., Westbrook, R. J. E., Graham, D. J., Datta, K., Carroy, P., Muñoz, D., Correa-Baena, J. P., Barlow, S., Marder, S. R., Smith, J. A., Snaith, H. J. dan Ginger, D. S., 2024, Diamine Surface Passivation and Post-Annealing Enhance Performance of Silicon-Perovskite Tandem Solar Cells, *arXiv preprint*, arXiv:2411.18756.

Tharani, K. dan Ponniselvi, D., 2020, A Study of Strategies, Preprocessing and Area of Text Mining, *International Journal of Engineering Research & Technology (IJERT)*, 8(3).

Tundys, B. dan Wiśniewski, T., 2023, Renewable Energy Supply Chains: Text Mining and Co-occurrence Analysis in the Context of Sustainability, *Energies*, 16(12), 4761.

Vijayarani, S., Ilamathi, J. dan Nithya, M., 2015, Preprocessing Techniques for Text Mining, *International Journal of Computer Science & Communication Networks*, 5(1), 7–16.

Wahyuni, R. T., Prastiyanto, D. dan Supraptono, E., 2017, Penerapan Algoritma Cosine Similarity dan Pembobotan TF-IDF pada Sistem Klasifikasi Dokumen Skripsi, *Jurnal Teknik Elektro*, 9(1),

Wang, Q. dan Li, C., 2021, An Evolutionary Analysis of New Energy and Industry Policy Tools in China Based on Large-Scale Policy Topic Modeling, *PLOS ONE*, 16(5), e0252502.

Wu, X., Nguyen, T. dan Luu, A. T., 2023, A Survey on Neural Topic Models: Methods, Applications, and Challenges, *Research Square*, preprint, rs.3.rs-3049182/v1.

Ye, J. dan Xue, M., 2021, Influences of Sentiment from News Articles on EU Carbon Prices, *Energy Economics*, 101, 105393.

Yunita, A., Telaumbanua, S. F. dan Irawan, A., 2023, The Tweetology of New and Renewable Energy in Indonesia, *Indonesian Journal of Computing and Cybernetics Systems (IJCCS)*, 17(2), 127–138.