

DAFTAR PUSTAKA

- Ahdiat, A. (2024, Januari 10). *5 E-Commerce dengan Pengunjung Terbanyak di Indonesia (Januari-Desember 2023)**. Retrieved Januari 26, 2024, from [databoks.katadata: https://databoks.katadata.co.id/datapublish/2024/01/10/5-e-commerce-dengan-pengunjung-terbanyak-sepanjang-2023](https://databoks.katadata.co.id/datapublish/2024/01/10/5-e-commerce-dengan-pengunjung-terbanyak-sepanjang-2023)
- Anton, H., & Rorres, C. (2010). *Elementary Linear Algebra: Applications Version, Tenth Edition*. Hoboken, N.J: John Wiley & Sons.
- Arlot, S., & Celisse, A. (2018). A survey of cross-validation procedure for model selection. *Statistics Surveys*, 40-79.
- Asmussen, C. B., & Møller, C. (2019). Smart literature review: a practical topic modelling approach to exploratory literature review. *Journal of Big Data*, 1-18.
- Bag, S. (2021, Februari 13). *Activation Functions — All You Need To Know!* Retrieved Februari 18, 2024, from [medium.com: https://medium.com/analytics-vidhya/activation-functions-all-you-need-to-know-355a850d025e](https://medium.com/analytics-vidhya/activation-functions-all-you-need-to-know-355a850d025e)
- Bain, L., & Engelhardt, M. (1992). *Introduction to Probability and Mathematical Statistics Second Edition*. California: Duxbury Press.
- Bergmann, D. (2023, December 12). *What is semi-supervised learning?* Retrieved Januari 23, 2024, from [ibm: https://www.ibm.com/topics/semi-supervised-learning](https://www.ibm.com/topics/semi-supervised-learning)
- BLEI, D., & LAFFERTY, J. (2009). TOPIC MODELS. In A. Srivastava, & M. Sahami, *Text Mining: Classification, Clustering and Applications* (pp. 71-93). Cambridge: Chapman & Hall/CRC.
- Blei, D., Ng, A., & Jordan, M. I. (2003). Latent Dirichlet Allocation. *Journal of Machine Learning Research* 3, 993-1022.
- Bokka, K. R., Hora, S., Jain, T., & Wambugu, M. (2019). *Deep Learning for Natural Language Processing*. Birmingham: Packt Publishing Ltd.
- Bonaccorso, G. (2017). *Machine Learning Algorithms*. Birmingham: Packt Publishing Ltd.
- Byuniar. (2020, Mei 9). *Markov Chain Monte Carlo: Gibbs Sampling*. Retrieved Maret 6, 2024, from https://www.youtube.com/watch?v=LXnG_eLIwQE
- Cheng, X., Yan, X., Lan, Y., & Guo, J. (2014). BTM: Topic Modeling over Short Texts. *IEEE TRANSACTIONS ON KNOWLEDGE AND DATA ENGINEERING, VOL. 26, NO. 12*, 2928-2939.
- Chowdhary, K. R. (2020). *Fundamentals of Artificial Intelligence*. Rajasthan, India: Department of Computer Science, Jodhpur Institute of Engineering.
- Driantama, B. W. (2023). *PEMODELAN TOPIK MENGGUNAKAN LATENT DIRICHLET ALLOCATION DAN NON-NEGATIVE MATRIX FACTORIZATION PADA ABSTRAK SKRIPSI STATISTIKA FMIPA UGM*. Yogyakarta: Universitas Gadjah Mada.
- Dunrui, D. T. (2023). *ANALISIS SENTIMEN MENGGUNAKAN METODE STACKING ENSEMBLE DENGAN RECURRENT NEURAL NETWORK*,

LONG SHORT-TERM MEMORY, DAN GATED RECURRENT UNIT.

Yogyakarta: Universitas Gadjah Mada.

- Febrianta, M. Y., Widiyanesti, S., & Ramadhan, R. S. (2021). Analisis Ulasan Indie Video Game Lokal pada Steam Menggunakan Analisis Sentimen dan Pemodelan Topik Berbasis Latent Dirichlet Allocation. *Journal of Animation & Games Studies*, Vol. 7 No. 2, 124-141.
- Ghojogh, B., & Crowley, M. (2023). The Theory Behind Overfitting, Cross Validation, Regularization, Bagging, and Boosting: Tutorial. *Machine Learning (stat.ML)*, 6-7.
- Goodfellow, I., Bengio, Y., & Courville, A. (2016). *Deep Learning*. MIT Press.
- Handayani, F., & Retno, D. (2014). DISTRIBUSI DIRICHLET YANG DIPERUMUM SEBAGAI PRIOR SEKAWAN DALAM ANALISIS BAYESIAN. *Seminar Nasional Matematika, Statistika, Pendidikan Matematika, dan Komputasi Pusdiklat UNS*, Surakarta.
- Hidayat, A. A. (2022). *Analisis Ekstraksi Fitur pada Klasifikasi Teks Menggunakan Algoritma K-Nearest Neighbor (Studi Kasus: Berita Hoaks)*. Jakarta: UIN Syarif Hidayatullah.
- Hochreiter, S., & Schmidhuber, J. (1997). LONG SHORT-TERM MEMORY. *Neural Computation*, 1735-1780.
- Id, I. D. (2021). *Machine Learning: Teori, Studi Kasus, dan Implementasi Menggunakan Python*. Riau: UR Press.
- Imanudin, A. (2019). *PEMODELAN TOPIK ULASAN APLIKASI PADA GOOGLE PLAY MENGGUNAKAN BITERM TOPIC MODEL (BTM)*. Yogyakarta: Universitas Gadjah Mada.
- Krotov, V., & Silva, L. (2018). Legality and Ethics of Web Scraping. *Emergent Research Forum (ERF)*, 2.
- Krotov, V., & Tennyson, M. (2018). Scraping Financial Data from the Web Using R Language. *Jurnal of Emerging Technologies in Accounting*.
- Kusum, & Panda, S. (2022). Sentiment analysis using global vector and long short-term memory. *Indonesian Journal of Electrical Engineering and Computer Science*, 414-421.
- Landers, N. R., Brusso, C. R., Cavanaugh, J. K., & Collmus, B. A. (2016). A primer on theory-driven web scraping: Automatic extraction of big data from the Internet for use in psychological research. *Psychological Methods* (21:4), 475-492.
- Liu, D., & Chen, Y. (2017). Biterm-LDA: A Recommendation Model for Latent Friends on Weibo. *Journal of Residuals Science & Technology*, 1.
- Lopez-Bernal, D., Balderas, D., Ponce, P., & Molina, A. (2021). Education 4.0: Teaching the Basics of KNN, LDA and Simple Perceptron Algorithms for Binary Classification Problems. *Future Internet*, 7-8.
- Mahesh, B. (2020). Machine Learning Algorithms - A Review. *International Journal of Science and Research (IJSR)*, 381-385.
- Milev, P. (2017). Conceptual Approach for Development of Web Scraping Application for Tracking Information. *Economic Alternatives*, 475-485.

- Mutmainah, S., Fudholi, D. H., & Hidayat, S. (2023). Analisis Sentimen dan Pemodelan Topik Aplikasi Telemedicine Pada Google Play Menggunakan BiLSTM dan LDA. *Jurnal Media Informatika Budi Darma*, 312-322.
- Nur'aini, Ferianto, A. Y., Ariatmanto, D., Hayaty, M., & Norhikmah. (2022). Perbandingan Metode Word Embedding Untuk Analisis Sentimen Pada Data Ulasan Marketplace. *Jurnal ICT : Information Communication & Technology*, 220-224.
- Nurdin, A., Aji, B. A., Bustamin, A., & Abidin, Z. (2020). PERBANDINGAN KINERJA WORD EMBEDDING WORD2VEC, GLOVE, DAN FASTTEXT PADA KLASIFIKASI TEKS. *Jurnal TEKNOKOMPAK*, 75-76.
- Olah, C. (2015, Agustus 27). *Understanding LSTM Networks*. Retrieved Februari 27, 2024, from github.io: <https://colah.github.io/posts/2015-08-Understanding-LSTMs/>
- Pandian, S. (2022, Oktober 20). *A Comprehensive Guide on Hyperparameter Tuning and its Techniques*. Retrieved Januari 25, 2024, from analytics vidhya: <https://www.analyticsvidhya.com/blog/2022/02/a-comprehensive-guide-on-hyperparameter-tuning-and-its-techniques/>
- Pennington, J., Socher, R., & Manning, C. (2014). GloVe: Global Vectors for Word Representation. *In Proceedings of the 2014 conference on empirical methods in natural language processing (EMNLP)*, 1532-1543.
- Poetra, C. K., Pane, S. F., & Fatonah, R. S. (2022). Meningkatkan Akurasi Long-Short Term Memory (LSTM) pada Analisis Sentimen Vaksin Covid-19 di Twitter dengan Glove. *Jurnal Telematika*, vol.16 no.2, 85-89.
- Purnama, B. (2019). *Pengantar Machine Learning*. Bandung: Informatika Bandung.
- Razno, M. (2019). Machine Learning Text Classification Model with NLP Approach. *Proceedings of the 3d International Conference Computational Linguistics And Intelligent Systems*, 71-72.
- Rina. (2023, Juni 12). *Memahami Confusion Matrix: Accuracy, Precision, Recall, Specificity, dan F1-Score untuk Evaluasi Model Klasifikasi*. Retrieved Juni 3, 2024, from medium.com: <https://esairina.medium.com/memahami-confusion-matrix-accuracy-precision-recall-specificity-dan-f1-score-610d4f0db7cf>
- Röder, M., Both, A., & Hinneburg, A. (2015). Exploring the Space of Topic Coherence Measures. *WSDM '15: Proceedings of the Eighth ACM International Conference on Web Search and Data Mining*, 399-408.
- Rumelhart, D., Hinton, G., & Williams, R. (1986). Learning representations by back-propagating errors. *Nature*, 323(6088), 533-536.
- Saputro, R. C. (2023). *ANALISIS SENTIMEN TERKAIT KANDIDAT CALON PRESIDEN INDONESIA MENGGUNAKAN METODE STACKED GATED RECCURENT UNIT DAN ATTENTION MECHANISM*. 2023: Universitas Gadjah Mada.
- Schmidt, R. (2019). Recurrent Neural Networks (RNNs): A gentle Introduction and Overview. *Tübingen: arXiv*, 1-4.

- Sondakh, D. E., Taju, S. W., Tene, M. G., & Pangaila, E. E. (2023). Sistem Analisis Sentimen Ulasan Aplikasi Belanja Online Menggunakan Metode Ensemble Learning. *Cogito Smart Journal*, 281.
- Sopuru, J., Alubo, A., Iloh, P. C., & Lottu, O. A. (2023). Comparative Analysis of Word2Vec and GloVe with LSTM for Sentiment Analysis: Accuracy and Loss Evaluation on Twitter Data. *International Journal of Social Sciences and Scintific Studies*, 3458-3465.
- Stevens, K., Kegelmeyer, P., Andrzejewski, D., & Buttler, D. (2012). Exploring Topic Coherence over many models and many topics. In *Proceedings of the 2012 Joint Conference on Empirical Methods in Natural Language Processing and Computational Natural Language Learning* (pp. 952-961). Jeju Island, Korea: Association for Computational Linguistics.
- Subanar. (2013). *Statistika Matematika*. Yogyakarta: Graha Ilmu.
- Sudipa, I. I., Sarasvananda, I. G., Hartatik, Prayitno, H., Putra, I. T., Darmawan, R., . . . Efitra. (2023). *Teknik Visualisasi Data*. Jambi: PT. Sonpedia Publishing Indonesia.
- Tharwat, A. (2018). Classification assessment methods. *Applied Computing and and informatics*, 17(1),pp, 171-173.
- Tois, M. G. (2021). *PEMODELAN TOPIK UNTUK MEDIA SOSIAL MENGGUNAKAN BITERM TOPIC MODEL*. Yogyakarta: Universitas Gadjah Mada.
- Van, J. (2019). *Topic Modeling with Gensim*. Retrieved April 19, 2024, from [datascience.oneoffcoder.com: https://datascience.oneoffcoder.com/topic-modeling-gensim.html](https://datascience.oneoffcoder.com/topic-modeling-gensim.html)
- Wackerly, D., Mendenhall III, W., & Scheaffer, R. (2008). *Mathematical Statistics with Applications, Seventh Edition*. USA: Thomson Learning, Inc.
- Waghmare, T. (2018, Oktober 30). *Visualizing YouTube videos using Seaborn and WordCloud in Python*. Retrieved Januari 28, 2024, from [towardsdatascience: https://towardsdatascience.com/visualizing-youtube-videos-using-seaborn-and-wordcloud-in-python-b24247f70228](https://towardsdatascience.com/visualizing-youtube-videos-using-seaborn-and-wordcloud-in-python-b24247f70228)
- Wankhade, M., Rao, A. C., & Kulkarni, C. (2022). A survey on sentiment analysis methods, applications, and challenges. *Artificial Intelligence Review*, 5731-5767.
- Waskom, M. (2022). *seaborn.countplot*. Retrieved Januari 28, 2024, from [seaborn: https://seaborn.pydata.org/generated/seaborn.countplot.html](https://seaborn.pydata.org/generated/seaborn.countplot.html)
- Yan, X., Guo, J., Lan, Y., & Cheng, X. (2013). A Biterm Topic Model for Short Texts. *Proceedings of the 22nd International Conference on World Wide Web - WWW '13*, 1445-1454.
- Ying, X. (2019). An Overview of Overfitting and its Solutions. *Journal of Physics: Conference Series*, 1.