

## DAFTAR PUSTAKA

- A, A. A., & Nair, L. R. (2023). A NOVEL STUDY OF SILHOUETTE METHOD TO SOLVE THE ISSUES OF OUTLIER AND IMPROVE THE QUALITY OF CLUSTER. *Journal of Data Acquisition and Processing*, 38(2), 3099. <https://doi.org/10.5281/zenodo.777129>
- Alamsyah, A., & Girawan, N. D. (2023). Improving Clothing Product Quality and Reducing Waste Based on Consumer Review Using RoBERTa and BERTopic Language Model. *Big Data and Cognitive Computing*, 7(4), 168. <https://doi.org/10.3390/bdcc7040168>
- Alturayef, N., Luqman, H., & Ahmed, M. (2024). Enhancing stance detection through sequential weighted multi-task learning. *Social Network Analysis and Mining*, 14(1). <https://doi.org/10.1007/s13278-023-01169-7>
- Ariyanto, A., Bangun, R., Rifqi, M., Indillah, M., Ferlina, A., Trenggana, M., Sholihah, R., Ariyanti, M., Widiati, E., Irawan, P., Ratih, S. D., Suryanti Ismail, R., Putra, S., Mulia Utama, A., Syahputra, J., & Budiman, B. (2023). *MANAJEMEN PEMASARAN*. [www.freepik.com](http://www.freepik.com)
- Bird, S., Klein, E., & Loper, E. (2009). *Natural Language Processing with Python*.
- Blei, D. M., Ng, A. Y., & Michael I, J. (2003). Latent Dirichlet Allocation Michael I. Jordan. In *Journal of Machine Learning Research* (Vol. 3).
- Boukabous, M., & Azizi, M. (2021). A comparative study of deep learning based language representation learning models. *Indonesian Journal of Electrical Engineering and Computer Science*, 22(2), 1032–1040. <https://doi.org/10.11591/ijeecs.v22.i2.pp1032-1040>
- Br.Ginting, D. Y., Suyanto, A., & Mochamad, Y. F. (2022). Analysis Of The Effect Of E-Service Quality On E-Customer Satisfaction And E-Customer Loyalty On Shopee. *Asian Journal of Research in Business and Management*. <https://doi.org/10.55057/ajrbm.2022.4.3.35>
- Devlin, J., Chang, M.-W., Lee, K., Google, K. T., & Language, A. I. (2019). *BERT: Pre-training of Deep Bidirectional Transformers for Language Understanding*. <https://github.com/tensorflow/tensor2tensor>
- Fransiscus, & Girsang, A. S. (2022). Sentimen Analysis of COVID-19 Public Activity Restriction (PPKM) Impact Using BERT Method. *International Journal of Engineering Trends and Technology*, 70(12).
- Garini, J. G., Hidayanto, A. N., & Fina, A. (2023). Using machine learning to improve a telco self-service mobile application in Indonesia. *IAES*

- International Journal of Artificial Intelligence (IJ-AI)*, 12(4), 1947.  
<https://doi.org/10.11591/ijai.v12.i4.pp1947-1959>
- Gill, S. S., Xu, M., Patros, P., Wu, H., Kaur, R., Kaur, K., Fuller, S., Singh, M., Arora, P., Parlikad, A. K., Stankovski, V., Abraham, A., Ghosh, S. K., Lutfiyya, H., Kanhere, S. S., Bahsoon, R., Rana, O., Dustdar, S., Sakellariou, R., ... Buyya, R. (2023). *Transformative Effects of ChatGPT on Modern Education: Emerging Era of AI Chatbots*. <https://analyticsindiamag.com/how-chatgpt-broke-the-ai-hype-cycle/>
- Gloria, M., & Talavera, V. (2020). Measuring Service Quality in Philippine Banks: An Exploratory Study Using SERVQUAL and Q-Methodology. In *Philippine Management Review* (Vol. 27).
- Goralski, M. A., & Tan, T. K. (2020). Artificial intelligence and sustainable development. *International Journal of Management Education*, 18(1).  
<https://doi.org/10.1016/j.ijme.2019.100330>
- Grootendorst, M. (2022). *BERTopic: Neural topic modeling with a class-based TF-IDF procedure*. <http://arxiv.org/abs/2203.05794>
- Hall, K., Chang, V., & Jayne, C. (2022). A review on Natural Language Processing Models for COVID-19 research. In *Healthcare Analytics* (Vol. 2). Elsevier Inc.  
<https://doi.org/10.1016/j.health.2022.100078>
- Hardani, Andriani, H., Ustiawaty, J., & Juliana Sukmana, D. (2020). *Buku Metode Penelitian Kualitatif & Kuantitatif*.  
<https://www.researchgate.net/publication/340021548>
- Hawkins, D. I., & Mothersbaugh, D. L. (2010). *Consumer behavior : building marketing strategy*. McGraw-Hill Irwin.
- Ibrahim, N. F., & Wang, X. (2019). A text analytics approach for online retailing service improvement: Evidence from Twitter. *Decision Support Systems*, 121, 37–50. <https://doi.org/10.1016/j.dss.2019.03.002>
- Jungwirth, D., & Haluza, D. (2023). Artificial Intelligence and Public Health: An Exploratory Study. *International Journal of Environmental Research and Public Health*, 20(5). <https://doi.org/10.3390/ijerph20054541>
- Kim Ki-Hun, Kim Kwang-Jae, Lee Dae-Ho, & Kim Min-Geun. (2019). Identification of critical quality dimensions for continuance intention in. *International Journal of Information Management*.
- Kotler, P., Keller, K. L., & Chernev Alexander. (2022). *Marketing Management (16 Edition)* (16th ed.). Pearson Education.

- Li, H., Liu, H., Hailey Shin, H., & Ji, H. (2024). Impacts of user-generated images in online reviews on customer engagement: A panel data analysis. *Tourism Management, 101*. <https://doi.org/10.1016/j.tourman.2023.104855>
- Liu, Y., Ott, M., Goyal, N., Du, J., Joshi, M., Chen, D., Levy, O., Lewis, M., Zettlemoyer, L., & Stoyanov, V. (2019). *RoBERTa: A Robustly Optimized BERT Pretraining Approach*. <http://arxiv.org/abs/1907.11692>
- Masrury, R. A., Fannisa, & Alamsyah, A. (2019, July 1). Analyzing tourism mobile applications perceived quality using sentiment analysis and topic modeling. *2019 7th International Conference on Information and Communication Technology, ICoICT 2019*. <https://doi.org/10.1109/ICoICT.2019.8835255>
- Mudgal, P., & Wouhaybi, R. (2023). *An Assessment of ChatGPT on Log Data*. <http://arxiv.org/abs/2309.07938>
- Nurfadila, N., Ariyanti, M., & Trianasari, N. (2023). Analisis Kualitas Layanan Mobile Banking New Livin' By Mandiri Menggunakan Sentiment Analysis. *JIBR: Journal of Indonesia Business Research, 1*, 77–82. <https://doi.org/10.25124/logic.v1i1.6486>
- Okey, O. D., Udo, E. U., Rosa, R. L., Rodríguez, D. Z., & Kleinschmidt, J. H. (2023). Investigating ChatGPT and cybersecurity: A perspective on topic modeling and sentiment analysis. *Computers and Security, 135*. <https://doi.org/10.1016/j.cose.2023.103476>
- Pratmanto, D., Rousyati, R., Wati, F. F., Widodo, A. E., Suleman, S., & Wijianto, R. (2020). App Review Sentiment Analysis Shopee Application in Google Play Store Using Naive Bayes Algorithm. *Journal of Physics: Conference Series, 1641*(1). <https://doi.org/10.1088/1742-6596/1641/1/012043>
- Rhendy Alif Mulyadi, M. (2023). Analisis Sentimen Review Scarlett Whitening Acne Serum Pada Shopee Menggunakan Text Analytics. *JIBR: Journal of Indonesia Business Research, 1*, 72–76. <https://doi.org/10.25124/logic.v1i1.6482>
- Rukmayuninda Ririh, K., Laili, N., Wicaksono, A., & Tsurayya, S. (2020). STUDI KOMPARASI DAN ANALISIS SWOT PADA IMPLEMENTASI KECERDASAN BUATAN (ARTIFICIAL INTELLIGENCE) DI INDONESIA. In *Jurnal Teknik Industri* (Vol. 15, Issue 2).
- Salsabila, A., & Trianasari, N. (2021). *Jurnal Teknologi dan Manajemen Informatika Analisis Persepsi Produk Kosmetik Menggunakan Metode Sentiment Analysis Dan Topic Modeling (Studi Kasus: Laneige Water Sleeping Mask) Info Artikel ABSTRAK. 7*(1). <http://http://jurnal.unmer.ac.id/index.php/jtmi>

- Santoso, R., Munawi, H. A., & Nevita, A. P. (2020). ANALISA PERILAKU KONSUMEN: STRATEGI MEMENANGKAN PERSAINGAN BISNIS DI ERA EKONOMI DIGITAL. *Jurnal Teknologi Terapan*, 4(1).
- Savci, P., & Das, B. (2023). Prediction of the customers' interests using sentiment analysis in e-commerce data for comparison of Arabic, English, and Turkish languages. *Journal of King Saud University - Computer and Information Sciences*, 35(3), 227–237. <https://doi.org/10.1016/j.jksuci.2023.02.017>
- Sekaran, U., & Roger, B. (2020). *Research Methods for Business* (Seventh Edition).
- Shidqi, F., & Yudha Febrianta, M. (2023). Analisis Kualitas Layanan Internet Service Provider Menggunakan Metode Analisis Sentimen Dan Topic Modelling. *SEIKO : Journal of Management & Business*, 6(2), 439–450.
- Sim, J., Dixit, Y., Mcgoverin, C., Oey, I., Frew, R., Reis, M. M., & Kebede, B. (2024). Machine learning-driven hyperspectral imaging for non-destructive origin verification of green coffee beans across continents, countries, and regions. *Food Control*, 156. <https://doi.org/10.1016/j.foodcont.2023.110159>
- Sugiyono. (2022). *METODE PENELITIAN KUANTITATIF* (Setiyawati, Ed.; 3rd ed.). ALFABETA.
- Suryawardani, B., Wulandari, A., Satrya, G. B., Marcelino, D., Prawita, F. N., Febrianta, M. Y., & Tantra, T. (2022). Digital Tools for Co-working Space Batununggal Using Digital-Ads, AR-Based Socmed Content, and Enterprise Resource Planning. *Jurnal Penyuluhan*, 19(01), 12–21. <https://doi.org/10.25015/19202341777>
- Tan, K. L., Lee, C. P., Anbananthen, K. S. M., & Lim, K. M. (2022). RoBERTa-LSTM: A Hybrid Model for Sentiment Analysis With Transformer and Recurrent Neural Network. *IEEE Access*, 10, 21517–21525. <https://doi.org/10.1109/ACCESS.2022.3152828>
- Vasiliev, Y. (2020). *Natural Language Processing with Python and spaCy A Practical Introduction* (A. M. Walker, Ed.). No Starch Press. <https://openlibrary.telkomuniversity.ac.id/open/index.php/download/flipping-book/eyJkb3dubG9hZCI6IjEiLCJkd24iOnsia25vd2xlZGdlX2l0ZW1faWQiOiIxNjAxMzQiLCJtZW1iZXJfaWQiOiIxMzQxOTYiLCJyZW1lIjojMjAuMjEuMTI1Nl9lYm9vay5wZGYifSwicmVhZCI6eyJrbm93bGVkZ2VfaXRlbV9pZCI6IjE2MDEzNCIsIm1lbWJlc9pZCI6IjEzNDE5NiIsIm5hbWUiOiIyMC4yMS4xMjU2X2Vib29rLnBkZiJ9LCJyZW1lIjojMjEuMjEuMTI1Nl9lYm9vay5wZGYiLCJsaW5rIjojXC9kYXRhXC9iYXRPalwvc3ltZm9ueV9wcm9qZWN0c1wvYm9va1wvMjAuMjEuMTI1Nl9lYm9vay5wZGYifQ==>

- Yang, L., Li, Y., Wang, J., & Sherratt, R. S. (2020). Sentiment Analysis for E-Commerce Product Reviews in Chinese Based on Sentiment Lexicon and Deep Learning. *IEEE Access*, 8, 23522–23530. <https://doi.org/10.1109/ACCESS.2020.2969854>
- Yucel, A., Dag, A., Oztekin, A., & Carpenter, M. (2022). A novel text analytic methodology for classification of product and. *Journal of Business Research*.
- Zeithaml, V. A., Bitner, M. J., & Gremler, D. D. (2017). *Services marketing : integrating customer focus across the firm*.
- Zhang, Y., Pei, H., Zhen, S., Li, Q., & Liang, F. (2023). Chat Generative Pre-Trained Transformer (ChatGPT) usage in healthcare. *Gastroenterology & Endoscopy*, 1(3), 139–143. <https://doi.org/10.1016/j.gande.2023.07.002>
- Zhou, Q., Lim, F. J., Yu, H., Xu, G., Ren, X., Liu, D., Wang, X., Mai, X., & Xu, H. (2021). A study on factors affecting service quality and loyalty intention in mobile banking. *Journal of Retailing and Consumer Services*, 60. <https://doi.org/10.1016/j.jretconser.2020.102424>