

## DAFTAR PUSTAKA

- Aditya, I. A., Haryadi, F. N., Haryani, I., Rachmawati, I., Ramadhani, D. P., Tantra, T., & Alamsyah, A. (2023). Understanding service quality concerns from public discourse in Indonesia state electric company. *Heliyon*, 9(8), e18768. <https://doi.org/10.1016/j.heliyon.2023.e18768>
- Ahdiat, A. (2023). *Tren Pengunjung E-Commerce Kuartal III 2023, Shopee Kian Melesat*. Databoks. <https://databoks.katadata.co.id/datapublish/2023/10/11/tren-pengunjung-e-commerce-kuartal-iii-2023-shopee-kian-melesat>
- Annisa, T., Kusumahadi, K., & Nurhazizah, E. (2023). *Website Quality for E-Commerce using Sentiment Analysis (Case Studies in Tokopedia and Shopee)*. 2373–2382. <https://doi.org/10.46254/eu05.20220462>
- APJII. (2023). *Survei Internet APJII 2023*. Indonesia Internet Service Provider Association. <https://survei.apjii.or.id/>
- Ariff, M. S. M., Yun, L. O., Zakuan, N., & Jusoh, A. (2012). Examining Dimensions of Electronic Service Quality for Internet Banking Services. *Procedia - Social and Behavioral Sciences*, 65, 854–859. <https://doi.org/10.1016/j.sbspro.2012.11.210>
- Buenano-Fernandez, D., Gonzalez, M., Gil, D., & Lujan-Mora, S. (2020). Text Mining of Open-Ended Questions in Self-Assessment of University Teachers: An LDA Topic Modeling Approach. *IEEE Access*, 8, 35318–35330. <https://doi.org/10.1109/ACCESS.2020.2974983>
- Cahyo, P. W., Aesyi, U. S., & Santosa, B. D. (2024). Topic Sentiment Using Logistic Regression and Latent Dirichlet Allocation as a Customer Satisfaction Analysis Model. *JURNAL INFOTEL*, 16(1). <https://doi.org/10.20895/infotel.v16i1.1081>
- Çallı, L. (2023). Exploring mobile banking adoption and service quality features through user-generated content: the application of a topic modeling approach to Google Play Store reviews. *International Journal of Bank Marketing*, 41(2), 428–454. <https://doi.org/10.1108/IJBM-08-2022-0351>
- Chang, I. C., Yu, T. K., Chang, Y. J., & Yu, T. Y. (2021). Applying text mining, clustering analysis, and latent dirichlet allocation techniques for topic classification of environmental education journals. *Sustainability (Switzerland)*, 13(19). <https://doi.org/10.3390/su131910856>

- Choirul Rahmadan, M., Nizar Hidayanto, A., Swadani Ekasari, D., Purwandari, B., & Theresiawati. (2020). Sentiment Analysis and Topic Modelling Using the LDA Method related to the Flood Disaster in Jakarta on Twitter. *Proceedings - 2nd International Conference on Informatics, Multimedia, Cyber, and Information System, ICIMCIS 2020*, 126–130. <https://doi.org/10.1109/ICIMCIS51567.2020.9354320>
- Conti, E., Camillo, F., & Pencarelli, T. (2023). The impact of digitalization on marketing activities in manufacturing companies. *TQM Journal*, 35(9), 59–82. <https://doi.org/10.1108/TQM-11-2022-0329>
- Corti, L., Zanetti, M., Tricella, G., & Bonati, M. (2022). Social media analysis of Twitter tweets related to ASD in 2019–2020, with particular attention to COVID-19: topic modelling and sentiment analysis. *Journal of Big Data*, 9(1). <https://doi.org/10.1186/s40537-022-00666-4>
- Curiskis, S. A., Drake, B., Osborn, T. R., & Kennedy, P. J. (2020). An evaluation of document clustering and topic modelling in two online social networks: Twitter and Reddit. *Information Processing and Management*, 57(2), 102034. <https://doi.org/10.1016/j.ipm.2019.04.002>
- Deviani, W. A., Kusumahadi, K., & Nurhazizah, E. (2022a). Service Quality For Digital Wallet In Indonesia Using Sentiment Analysis And Topic Modelling. *International Journal of Business and Technology Management*, 4(1), 46–58. <https://doi.org/10.55057/ijbtm.2022.4.1.6>
- Deviani, W. A., Kusumahadi, K., & Nurhazizah, E. (2022b). Service Quality For Digital Wallet In Indonesia Using Sentiment Analysis And Topic Modelling. *International Journal of Business and Technology Management*, 4(1), 46–58. <https://doi.org/10.55057/ijbtm.2022.4.1.6>
- Ding, K., Choo, W. C., Ng, K. Y., & Ng, S. I. (2020). Employing structural topic modelling to explore perceived service quality attributes in Airbnb accommodation. *International Journal of Hospitality Management*, 91(July), 102676. <https://doi.org/10.1016/j.ijhm.2020.102676>
- Fuad, A., & Al-Yahya, M. (2021). Analysis and Classification of Mobile Apps Using Topic Modeling: A Case Study on Google Play Arabic Apps. *Complexity*, 2021. <https://doi.org/10.1155/2021/6677413>
- Gan, J., & Qi, Y. (2021a). Selection of the optimal number of topics for LDA topic model—Taking patent policy analysis as an example. *Entropy*, 23(10). <https://doi.org/10.3390/e23101301>
- Gan, J., & Qi, Y. (2021b). Selection of the optimal number of topics for LDA topic model—Taking patent policy analysis as an example. *Entropy*, 23(10). <https://doi.org/10.3390/e23101301>

- Gao, J., Siddik, A. B., Khawar Abbas, S., Hamayun, M., Masukujjaman, M., & Alam, S. S. (2023). Impact of E-Commerce and Digital Marketing Adoption on the Financial and Sustainability Performance of MSMEs during the COVID-19 Pandemic: An Empirical Study. *Sustainability (Switzerland)*, 15(2). <https://doi.org/10.3390/su15021594>
- George, S. (2021). *Comparison of LDA and NMF Topic Modeling Techniques for Restaurant Reviews*. <https://www.researchgate.net/publication/350236296>
- Guyen, H. (2020). Industry 4.0 and Marketing 4.0: In Perspective of Digitalization and E-Commerce. *Agile Business Leadership Methods for Industry 4.0*, 25–46. <https://doi.org/10.1108/978-1-80043-380-920201003>
- Hagras, M., Hassan, G., & Farag, N. (2018). Towards natural disasters detection from twitter using topic modelling. *Proceedings - 2017 European Conference on Electrical Engineering and Computer Science, EECS 2017*, 272–279. <https://doi.org/10.1109/EECS.2017.57>
- Hantoro, K., Handayani, D., & Setiawati, S. (2022). A Implementation of Text Mining In Sentiment Analysis of Shopee Indonesia Using SVM. *Bulletin of Information Technology (BIT)*, 3(2), 115–120.
- Hoblos, J. (2020). Experimenting with latent semantic analysis and latent dirichlet allocation on automated essay grading. *2020 7th International Conference on Social Network Analysis, Management and Security, SNAMS 2020*. <https://doi.org/10.1109/SNAMS52053.2020.9336533>
- Hp, A., Amin, S., & Indra, D. (2023). *Consumer Behavior In Purchasing On The TIKTOK Shop Marketplace*. 2008, 685–692.
- Huang, H., Zavareh, A. A., & Mustafa, M. B. (2023). Sentiment Analysis in E-Commerce Platforms: A Review of Current Techniques and Future Directions. In *IEEE Access* (Vol. 11, pp. 90367–90382). Institute of Electrical and Electronics Engineers Inc. <https://doi.org/10.1109/ACCESS.2023.3307308>
- Jain, S. K., & Gupta, G. (n.d.). *Measuring Service Quality: SERVQUAL vs. SERVPERF Scales* (Vol. 29).
- Jelodar, H., Wang, Y., Rabbani, M., & Ayobi, S. (2019). *Natural Language Processing via LDA Topic Model in Recommendation Systems*.
- Karabila, I., Darraz, N., EL-Ansari, A., Alami, N., & EL Mallahi, M. (2024). BERT-enhanced sentiment analysis for personalized e-commerce recommendations. *Multimedia Tools and Applications*, 83(19), 56463–56488. <https://doi.org/10.1007/s11042-023-17689-5>
- Li, W., Yin, J., & Chen, H. (2018). Supervised topic modeling using hierarchical dirichlet process-based inverse regression: Experiments on e-commerce

- applications. *IEEE Transactions on Knowledge and Data Engineering*, 30(6), 1192–1205. <https://doi.org/10.1109/TKDE.2017.2786727>
- Masrury, R. A., Fannisa, & Alamsyah, A. (2019). Analyzing tourism mobile applications perceived quality using sentiment analysis and topic modeling. *2019 7th International Conference on Information and Communication Technology, ICoICT 2019*, 1–6. <https://doi.org/10.1109/ICoICT.2019.8835255>
- Maulida, C., Yunanda, T., Hanafi, M., Mega, W., & Dhuhiha, P. (2024). *Sentiment Analysis on TikTok Shop Reviews Using Long Short-Term Memory Method to Find Business Opportunity*. 9(1), 1–7.
- Mohammed, S. H., & Al-Augby, S. (2020). LSA & LDA topic modeling classification: Comparison study on E-books. *Indonesian Journal of Electrical Engineering and Computer Science*, 19(1), 353–362. <https://doi.org/10.11591/ijeecs.v19.i1.pp353-362>
- Muhammad, L. J., Algehyne, E. A., Usman, S. S., Ahmad, A., Chakraborty, C., & Mohammed, I. A. (2021). Supervised Machine Learning Models for Prediction of COVID-19 Infection using Epidemiology Dataset. *SN Computer Science*, 2(1), 1–13. <https://doi.org/10.1007/s42979-020-00394-7>
- Mujahid, M., Lee, E., Rustam, F., Washington, P. B., Ullah, S., Reshi, A. A., & Ashraf, I. (2021). Sentiment analysis and topic modeling on tweets about online education during covid-19. *Applied Sciences (Switzerland)*, 11(18). <https://doi.org/10.3390/app11188438>
- Mulyani, Y. P., Saifurrahman, A., Arini, H. M., Rizqiawan, A., Hartono, B., Utomo, D. S., Spanellis, A., Beltran, M., Banjar Nahor, K. M., Paramita, D., & Harefa, W. D. (2023). Analyzing public discourse on photovoltaic (PV) adoption in Indonesia: A topic-based sentiment analysis of news articles and social media. *Journal of Cleaner Production*, 434(October 2023), 140233. <https://doi.org/10.1016/j.jclepro.2023.140233>
- Negara, E. S., & Triadi, D. (2021). Topic modeling using latent dirichlet allocation (LDA) on twitter data with Indonesia keyword. *Bulletin of Social Informatics Theory and Application*, 5(2), 124–132.
- Nguyen, V. H., & Ho, T. (2023). Analysing online customer experience in hotel sector using dynamic topic modelling and net promoter score. *Journal of Hospitality and Tourism Technology*, 14(2), 258–277. <https://doi.org/10.1108/JHTT-04-2021-0116>
- Niko Saputra<sup>1</sup>, Jonatan Boyke A<sup>2</sup>, D. M., & 3. (2023). *Jurnal Pijar Studi Manajemen dan Bisnis PERKEMBANGAN DAN TANTANGAN PASAR MODAL INDONESIA*. 1(2), 83–88.

- Nylander, E., Fejes, A., & Milana, M. (2022). Exploring the themes of the territory: a topic modelling approach to 40 years of publications in International Journal of Lifelong Education (1982–2021). *International Journal of Lifelong Education*, 41(1), 27–44. <https://doi.org/10.1080/02601370.2021.2015636>
- ÖZDEMİR, A., ONAN, A., & ÇINARLI ERGENE, V. (2022). Topic Modelling and Artificial Intelligence based Method Using Online Employee Assessments to Analyse Job Satisfaction. *Turkish Journal of Forecasting*, 06(2), 46–52. <https://doi.org/10.34110/forecasting.1173063>
- Parasuraman, A., Zeithaml, V. A., & Malhotra, A. (2005a). E-S-QUAL a multiple-item scale for assessing electronic service quality. *Journal of Service Research*, 7(3), 213–233. <https://doi.org/10.1177/1094670504271156>
- Parasuraman, A., Zeithaml, V. A., & Malhotra, A. (2005b). E-S-QUAL a multiple-item scale for assessing electronic service quality. *Journal of Service Research*, 7(3), 213–233. <https://doi.org/10.1177/1094670504271156>
- Putri, Y. A., Wahab, Z., Shihab, M. S., & Hanafi, A. (2018). The effect of service quality and brand trust on loyalty through customer satisfaction in transportation service Go-jek (go-ride) in Palembang City. *Jurnal Manajemen Motivasi*, 14(1), 24. <https://doi.org/10.29406/jmm.v14i1.1028>
- Řehůřek, R. (2009). “What is Gensim?” <https://radimrehurek.com/gensim/intro.html>
- Rosário, A., & Raimundo, R. (2021). Consumer marketing strategy and e-commerce in the last decade: A literature review. *Journal of Theoretical and Applied Electronic Commerce Research*, 16(7), 3003–3024. <https://doi.org/10.3390/jtaer16070164>
- Rustam, F., Reshi, A. A., Mehmood, A., Ullah, S., On, B. W., Aslam, W., & Choi, G. S. (2020). COVID-19 Future Forecasting Using Supervised Machine Learning Models. *IEEE Access*, 8, 101489–101499. <https://doi.org/10.1109/ACCESS.2020.2997311>
- Santoso, E. (2022). Opportunities and Challenges: E-Commerce in Indonesia from a Legal Perspective. *Jurnal Penelitian Hukum De Jure*, 22(3), 395. <https://doi.org/10.30641/dejure.2022.v22.395-410>
- Sari, P. K., Alamsyah, A., & Wibowo, S. (2018). Measuring e-Commerce service quality from online customer review using sentiment analysis. *Journal of Physics: Conference Series*, 971(1). <https://doi.org/10.1088/1742-6596/971/1/012053>
- Slack, N. J., & Singh, G. (2020). The effect of service quality on customer satisfaction and loyalty and the mediating role of customer satisfaction :

Supermarkets in Fiji. *TQM Journal*, 32(3), 543–558.  
<https://doi.org/10.1108/TQM-07-2019-0187>

Utami, P. R., Setiyono, R. F., Murad, D. F., & Sunardi. (2023). User Experience and Service Quality (SERVQUAL) Influence on Customer Loyalty of Video Streaming Sites Visitors. *2023 8th International Conference on Business and Industrial Research, ICBIR 2023 - Proceedings*, 96–101.  
<https://doi.org/10.1109/ICBIR57571.2023.10147446>

Vayansky, I., & Kumar, S. A. P. (2020). A review of topic modeling methods. *Information Systems*, 94, 101582. <https://doi.org/10.1016/j.is.2020.101582>

Wahyudi, E., & Kusumaningrum, R. (2019a). Aspect Based Sentiment Analysis in E-Commerce User Reviews Using Latent Dirichlet Allocation (LDA) and Sentiment Lexicon. *ICICOS 2019 - 3rd International Conference on Informatics and Computational Sciences: Accelerating Informatics and Computational Research for Smarter Society in The Era of Industry 4.0, Proceedings*, 1–6. <https://doi.org/10.1109/ICICoS48119.2019.8982522>

Wahyudi, E., & Kusumaningrum, R. (2019b). Aspect Based Sentiment Analysis in E-Commerce User Reviews Using Latent Dirichlet Allocation (LDA) and Sentiment Lexicon. *ICICOS 2019 - 3rd International Conference on Informatics and Computational Sciences: Accelerating Informatics and Computational Research for Smarter Society in The Era of Industry 4.0, Proceedings*, 1–6. <https://doi.org/10.1109/ICICoS48119.2019.8982522>

Wang, Y., Zhang, Z., Zhu, M., & Wang, H. (2020). The Impact of Service Quality and Customer Satisfaction on Reuse Intention in Urban Rail Transit in Tianjin, China. *SAGE Open*, 10(1). <https://doi.org/10.1177/2158244019898803>

Zavareh, F. B., Ariff, M. S. M., Jusoh, A., Zakuan, N., Bahari, A. Z., & Ashourian, M. (2012). E-Service Quality Dimensions and Their Effects on E-Customer Satisfaction in Internet Banking Services. *Procedia - Social and Behavioral Sciences*, 40, 441–445. <https://doi.org/10.1016/j.sbspro.2012.03.213>