

DAFTAR PUSTAKA

- 2C2P. (2022). *2C2P Partners with ShopeePay to Power Quick, Easy Digital Payments Across Southeast Asia*. <https://2c2p.Com/News-and-Media-Article/2c2p-Shopeepay-Partnership>.
- Adiningtyas, H., & Auliani, A. S. (2024). Sentiment analysis for mobile banking service quality measurement. *Procedia Computer Science*, 234, 40–50. <https://doi.org/10.1016/j.procs.2024.02.150>
- Aggarwal, C. C. (2018). *Machine Learning for Text*. Springer International Publishing.
- Ahmed Khan, T., Sadiq, R., Shahid, Z., Alam, M. M., & Mohd Su'ud, M. (2024). Sentiment Analysis using Support Vector Machine and Random Forest. *Journal of Informatics and Web Engineering*, 3(1), 67–75. <https://doi.org/10.33093/jiwe.2024.3.1.5>
- Alash, H. M., & Al-Sultany, G. A. (2020). Improve topic modeling algorithms based on Twitter hashtags. *Journal of Physics: Conference Series*, 1660(1). <https://doi.org/10.1088/1742-6596/1660/1/012100>
- Alghamdi, R., & Alfalqi, K. (2015). A Survey of Topic Modeling in Text Mining. (*IJACSA*) *International Journal of Advanced Computer Science and Applications*, 161–167.
- Asosiasi Penyelenggara Jasa Internet Indonesia. (2024, February 7). *APJII Jumlah Pengguna Internet Indonesia Tembus 221 Juta Orang*. <https://Apjii.or.Id/Berita/d/Apjii-Jumlah-Pengguna-Internet-Indonesia-Tembus-221-Juta-Orang>.
- Asyarofah, W., Vidiati, C., Selasi, D., Gen, G., & Teknologi, F. (2023). *Bridging: Journal Of Islamic Digital Economic and Management PEMAHAMAN BERINVESTASI MELALUI FINANCIAL TECHNOLOGY (FINTECH) PADA GENERASI GEN Z KATA KUNCI ABSTRAK*. 1(1), 164–171. <https://journal.alshobar.or.id/index.php/bridging>
- Blei, D. M. (2012). Probabilistic topic models. *Communications of the ACM*, 55(4), 77–84. <https://doi.org/10.1145/2133806.2133826>

- Bourgeois, D. T. (2014). *Information Systems for Business and Beyond*. The Saylor Academy. <http://www.saylor.org/courses/bus206>
- Boyd-Graber, J., Hu, Y., & Mimno, D. (2017). Applications of topic models. *Foundations and Trends in Information Retrieval*, 11(2–3), 143–296. <https://doi.org/10.1561/15000000030>
- 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>
- Cam, H., Cam, A. V., Demirel, U., & Ahmed, S. (2024). Sentiment analysis of financial Twitter posts on Twitter with the machine learning classifiers. *Heliyon*, 10(1). <https://doi.org/10.1016/j.heliyon.2023.e23784>
- Cambria, E., Li, Y., Xing, F. Z., Poria, S., & Kwok, K. (2020). SenticNet 6: Ensemble Application of Symbolic and Subsymbolic AI for Sentiment Analysis. *International Conference on Information and Knowledge Management, Proceedings*, 105–114. <https://doi.org/10.1145/3340531.3412003>
- Chaffey, D., & Ellis-Chadwick, F. (2016). *Digital Marketing: Strategy, Implementation and Practice* (Sixth Edition). Pearson. www.pearson.com/uk
- Chicco, D., & Jurman, G. (2020). The advantages of the Matthews correlation coefficient (MCC) over F1 score and accuracy in binary classification evaluation. *BMC Genomics*, 21(1). <https://doi.org/10.1186/s12864-019-6413-7>
- Dang, N. C., Moreno-García, M. N., & De la Prieta, F. (2020). Sentiment analysis based on deep learning: A comparative study. *Electronics (Switzerland)*, 9(3). <https://doi.org/10.3390/electronics9030483>
- Darmawan, I. P. D. W., Pradnyana, G. A., & Pascima, I. B. N. (2023). Optimasi Parameter Support Vector Machine Dengan Algoritma Genetika Untuk Analisis Sentimen Pada Media Sosial Instagram. *SINTECH JOURNAL*. <https://doi.org/10.31598>

- DataBooks. (2023). *Survei Pengguna Dompet Digital*.
<https://Databoks.Katadata.Co.Id/Teknologi-Telekomunikasi/Statistik/6dbd888ba54ceb6/Survei-Pengguna-Dompet-Digital-Gopay-Dan-Ovo-Bersaing-Ketat>.
- Deresky, Helen. (2021). *International management : managing across borders and cultures : text and cases*. Pearson.
- Deviani, W. A., Kusumahadi, K., & Nurhazizah, E. (2022). Service Quality For Digital Wallet In Indonesia Using Sentiment Analysis And Topic Modelling. *International Journal of Business and Technology Management*.
<https://doi.org/10.55057/ijbtm.2022.4.1.6>
- Drucker, P. f. (2014). *Innovation and Entrepreneurship*. Routledge Classics.
www.routledge.com/classics
- Erevelles, S., Fukawa, N., & Swayne, L. (2016). Big Data consumer analytics and the transformation of marketing. *Journal of Business Research*, 69(2), 897–904. <https://doi.org/10.1016/j.jbusres.2015.07.001>
- Fajarwati, D. (2020). *MODUL MATERI KULIAH ONLINE E-COMMERCE 2020 Pengenalan E-Commerce Evolusi Sistem Bisnis & Mengapa Penting mempelajari E-Commerce*.
https://lmsspada.kemdikbud.go.id/pluginfile.php/541443/mod_resource/content/1/1.%20Pengenalan%20terhadap%20E-commerce.pdf
- Farhadloo, M., Patterson, R. A., & Rolland, E. (2016). Modeling customer satisfaction from unstructured data using a Bayesian approach. *Decision Support Systems*, 90, 1–11. <https://doi.org/10.1016/j.dss.2016.06.010>
- Ferrara, E., De Meo, P., Fiumara, G., & Baumgartner, R. (2014). Web data extraction, applications and techniques: A survey. *Knowledge-Based Systems*, 70, 301–323. <https://doi.org/10.1016/j.knosys.2014.07.007>
- Gandomi, A., & Haider, M. (2015). Beyond the hype: Big data concepts, methods, and analytics. *International Journal of Information Management*, 35(2), 137–144. <https://doi.org/10.1016/j.ijinfomgt.2014.10.007>

- Gao, Z., Feng, A., Song, X., & Wu, X. (2019). Target-dependent sentiment classification with BERT. *IEEE Access*, 7, 154290–154299. <https://doi.org/10.1109/ACCESS.2019.2946594>
- GoodStats. (2024, July 24). *Platform Fintech yang Paling Banyak Dimiliki Masyarakat Indonesia*. <https://Data.Goodstats.Id/Statistic/96-Masyarakat-Indonesia-Sudah-Menggunakan-e-Wallet-ItxIc>.
- Haroon, M., Alam, Z., Kousar, R., Ahmad, J., & Nasim, F. (2024). Sentiment Analysis of Customer Reviews on E-commerce Platforms: A Machine Learning Approach. *Bulletin of Business and Economics (BBE)*, 13(3), 230–238. <https://doi.org/10.61506/01.00480>
- Hasan, Z., Singh, A., Paranjape, V., & Sharma, S. (2023). Exploring Naive Bayes for Movie Review Sentiment Classification. *International Journal of Innovative Research in Computer and Communication Engineering*, 9(11), 9930–9935. <https://doi.org/10.15680/ijircce.2021.0911051>
- Jardim, S., & Mora, C. (2021). Customer reviews sentiment-based analysis and clustering for market-oriented tourism services and products development or positioning. *Procedia Computer Science*, 196, 199–206. <https://doi.org/10.1016/j.procs.2021.12.006>
- Jurafsky, D., & Martin, J. H. (2018). *Speech and Language Processing: An Introduction to Natural Language Processing, Computational Linguistics, and Speech Recognition* (Third Edition).
- Kang, D., & Park, Y. (2014). Review-based measurement of customer satisfaction in mobile service: Sentiment analysis and VIKOR approach. *Expert Systems with Applications*, 41(4 PART 1), 1041–1050. <https://doi.org/10.1016/j.eswa.2013.07.101>
- Kaparang, S. G., Kaparang, D. R., & Rantung, V. P. (2021). Analisis Sentimen New Normal Pada Masa Covid-19 Menggunakan Algoritma Naïve Bayes. In *JOINTER-JOURNAL OF INFORMATICS ENGINEERING* (Vol. 02, Issue 01). <https://t.co/CxptQpYGU9>

- Kaplan, A. M., & Haenlein, M. (2010). Users of the world, unite! The challenges and opportunities of Social Media. *Business Horizons*, 53(1), 59–68. <https://doi.org/10.1016/j.bushor.2009.09.003>
- Kapucugil-İkiz, A., & Özdağoğlu, G. (2015). TEXT MINING AS A SUPPORTING PROCESS FOR VoC CLARIFICATION * MÜŞTERİ SESİNİN AYRIŞTIRILMASINI DESTEKLEYEN BİR SÜREÇ OLARAK METİN MADENCİLİĞİ. In *Aysun KAPUCUGİL İKİZ, Güzin ÖZDAĞOĞLU / Alphanumeric Journal* (Vol. 3, Issue 1). www.alphanumericjournal.com<http://www.alphanumericjournal.com>
- Kariri, E., Louati, H., Louati, A., & Masmoudi, F. (2023). Exploring the Advancements and Future Research Directions of Artificial Neural Networks: A Text Mining Approach. *Applied Sciences (Switzerland)*, 13(5). <https://doi.org/10.3390/app13053186>
- Kemendagri. (2024). *PERDAGANGAN DIGITAL (E-COMMERCE) INDONESIA PERIODE 2023*.
- Kotler, P., & Armstrong, G. (2018). *Principles of Marketing: 17th Edition*.
- Kotler, P., Kartajaya, H., & Setiawan, I. (2021). *Marketing 5.0: Technology for Humanity*. Wiley.
- Kotler, Philip., & Keller, K. Lane. (2016). *Marketing Management* (15th Edition). Pearson Education Limited.
- Koto, F., & Rahmaningtyas, G. Y. (2017). InSet Lexicon: Evaluation of a Word List for Indonesian Sentiment Analysis in Microblogs. *2017 International Conference on Asian Language Processing (IALP)*.
- Laudon C., Kenneth., & Laudon P., Jane. (2014). *Management Information Systems : Managing The Digital Firm*. Pearson Education.
- Laudon, K. C., & Traver, C. G. (2022). *E-commerece 2021-2022: Business, Technology, Society* (17th Edition). Pearson.
- Lee, K., & Yu, C. (2018). Assessment of airport service quality: A complementary approach to measure perceived service quality based on Google reviews. *Journal of Air Transport Management*, 71, 28–44. <https://doi.org/10.1016/j.jairtraman.2018.05.004>

- Li, J., Zhu, Q., Wu, Q., & Fan, Z. (2021). A novel oversampling technique for class-imbalanced learning based on SMOTE and natural neighbors. *Information Sciences*, 565, 438–455. <https://doi.org/10.1016/j.ins.2021.03.041>
- Lin, P. M. C., Au, W. C. W., & Baum, T. (2024). Service quality of online food delivery mobile application: an examination of the spillover effects of mobile app satisfaction. *International Journal of Contemporary Hospitality Management*, 36(3), 906–926. <https://doi.org/10.1108/IJCHM-09-2022-1103>
- Lin, X., Wang, X., & Hajli, N. (2019). Building E-Commerce Satisfaction and Boosting Sales: The Role of Social Commerce Trust and Its Antecedents. *International Journal of Electronic Commerce*, 23(3), 328–363. <https://doi.org/10.1080/10864415.2019.1619907>
- Masrury, R. A., Fannisa, & Alamsyah, A. (2019). Analyzing Tourism Mobile Applications Perceived Quality using Sentiment Analysis and Topic Modeling. *International Conference on Information and Communication Technology (ICoICT)*, 105.
- Mikalef, P., Boura, M., Lekakos, G., & Krogstie, J. (2019). Big Data Analytics Capabilities and Innovation: The Mediating Role of Dynamic Capabilities and Moderating Effect of the Environment. *British Journal of Management*, 30(2), 272–298. <https://doi.org/10.1111/1467-8551.12343>
- Nikolenko, S. I., Koltcov, S., & Koltsova, O. (2017). Topic modelling for qualitative studies. *Journal of Information Science*, 43(1), 88–102. <https://doi.org/10.1177/0165551515617393>
- Ningri, L. J., Hamidi, M., & Adrianto, F. (2023). Sentiment Analysis Against Digital Payment “GoPay”, “OVO”, “DANA”, and “ShopeePay” Using Naïve Bayes Classifier Algorithm. *Indonesian Journal of Economics and Management*, 3(2), 322–336. <https://doi.org/10.35313/ijem.v3i2.4765>
- Opitz, J., & Burst, S. (2019). Macro F1 and Macro F1. *ArXiv*. <http://arxiv.org/abs/1911.03347>
- Pang, B., & Lee, L. (2008). Opinion Mining and Sentiment Analysis. *Foundations and Trends in Information Retrieval*, 1(2), 1–135. <https://doi.org/10.1561/15000000001>

- Parasuraman, A., Zeithaml, V. A., & Berry, L. L. (1988). SERVQUAL: A multiple-Item Scale for measuring consumer perceptions of service quality. *Journal of Retailing*. <https://www.researchgate.net/publication/225083802>
- Peraturan Bank Indonesia Nomor 18/40/PBI/2016 Tentang Pemrosesan Transaksi Pembayaran, Bank Indonesia (2016).
- Philip Chen, C. L., & Zhang, C. Y. (2014). Data-intensive applications, challenges, techniques and technologies: A survey on Big Data. *Information Sciences*, 275, 314–347. <https://doi.org/10.1016/j.ins.2014.01.015>
- Povoda, L., Burget, R., & Dutta, M. K. (2016). Sentiment Analysis Based on Support Vector Machine and Big Data. *International Conference on Telecommunications and Signal Processing (TSP)*, 776.
- Powers, D. M. W. (2015). What the F-measure doesn't measure... Features, Flaws, Fallacies and Fixes. *ArXiv*.
- Prastyo, P. H., Hidayat, R., & Ardiyanto, I. (2022). Enhancing sentiment classification performance using hybrid Query Expansion Ranking and Binary Particle Swarm Optimization with Adaptive Inertia Weights. *ICT Express*, 189–197.
- Prawirasara, K. P. (2018). Financial technology in Indonesia: disruptive or collaborative? *Reports on Economics and Finance*, 4(2), 83–90. <https://doi.org/10.12988/ref.2018.818>
- Rachmawati, I., & Alfitrassalam, E. (2024). Identify Issues That Influence Customer Satisfaction Using Sentiment Analysis and Topic Modeling. *International Journal of Current Science Research and Review*, 07(09). <https://doi.org/10.47191/ijcsrr/V7-i9-26>
- Rehioui, H., & Idrissi, A. (2020). New clustering algorithms for twitter sentiment analysis. *IEEE Systems Journal*, 14(1), 530–537. <https://doi.org/10.1109/JSYST.2019.2912759>
- Robbins, S. P., & Coulter, M. (2018). *Management* (Fourteenth Edition). Pearson.
- 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>
- Sekaran, U., & Bougie, R. (2016). *Research Methods for Business* (7th Edition). Wiley. www.wileypluslearningspace.com
- ShopeePay. (2020, October). *Tentang Aplikasi ShopeePay*. <https://Shopeepay.Co.Id/>.
- Smith, M., & Chang, C. (2010). Improving customer outcomes through the implementation of customer relationship management: Evidence from Taiwan. *Asian Review of Accounting*, 18(3), 260–285. <https://doi.org/10.1108/13217341011089658>
- Sokolova, M., & Lapalme, G. (2009). A systematic analysis of performance measures for classification tasks. *Information Processing and Management*, 45(4), 427–437. <https://doi.org/10.1016/j.ipm.2009.03.002>
- Solomon, M. R. (2019). *Consumer Behavior: Buying, Having, and Being* (Thirteenth Edition). Pearson. www.pearson.com/mylab/marketing
- Song, Y., Jie, C., & Xu, Z. (2021). Big data method and its application in innovation education research. *E3S Web of Conferences*, 290. <https://doi.org/10.1051/e3sconf/202129003022>
- Tan, K. L., Lee, C. P., & Lim, K. M. (2023). A Survey of Sentiment Analysis: Approaches, Datasets, and Future Research. In *Applied Sciences (Switzerland)* (Vol. 13, Issue 7). MDPI. <https://doi.org/10.3390/app13074550>
- Thwe, P., Cho Lwin, C., & Aung, Y. Y. (2020). NAÏVE BAYES CLASSIFIER FOR SENTIMENT ANALYSIS. *International Journal Of All Research Writings*, 3(7), 32–35.
- Valdez, D., Pickett, A. C., & Goodson, P. (2018). Topic Modeling: Latent Semantic Analysis for the Social Sciences. *Social Science Quarterly*, 99(5), 1665–1679. <https://doi.org/10.1111/ssqu.12528>
- Wamba, S. F., Gunasekaran, A., Akter, S., Ren, S. J. fan, Dubey, R., & Childe, S. J. (2017). Big data analytics and firm performance: Effects of dynamic capabilities. *Journal of Business Research*, 70, 356–365. <https://doi.org/10.1016/j.jbusres.2016.08.009>

- Ward, J. S., & Barker, A. (2013). Undefined By Data: A Survey of Big Data Definitions. *ArXiv Preprint*. <http://arxiv.org/abs/1309.5821>
- Widarmanti, T., & Ramantoko, G. (2020). EXPLORING BRAND POSITIONING AND HOTEL PERSONA TROUGH WOM AND CONTENT BY TEXT ANALYSIS. *Indonesian Journal of Business and Entrepreneurship*. <https://doi.org/10.17358/ijbe.6.3.205>
- Widhi Saputro, I., & Wulan Sari, B. (2019). Uji Performa Algoritma Naïve Bayes untuk Prediksi Masa Studi Mahasiswa Naïve Bayes Algorithm Performance Test for Student Study Prediction. *Citec Journal*, 6(1).
- Wu, D., Yang, R., & Shen, C. (2021). Sentiment word co-occurrence and knowledge pair feature extraction based LDA short text clustering algorithm. *Journal of Intelligent Information Systems*, 56(1), 1–23. <https://doi.org/10.1007/s10844-020-00597-7>
- Wu, X., Kumar, V., Ross, Q. J., Ghosh, J., Yang, Q., Motoda, H., McLachlan, G. J., Ng, A., Liu, B., Yu, P. S., Zhou, Z. H., Steinbach, M., Hand, D. J., & Steinberg, D. (2008). Top 10 algorithms in data mining. *Knowledge and Information Systems*, 14(1), 1–37. <https://doi.org/10.1007/s10115-007-0114-2>
- Wulfert, T. (2019). Mobile App Service Quality Dimensions and Requirements for Mobile Shopping Companion Apps. *Unior Management Science (JUMS)*, 339.
- Xu, G., Meng, Y., Qiu, X., Yu, Z., & Wu, X. (2019). Sentiment analysis of comment texts based on BiLSTM. *IEEE Access*, 7, 51522–51532. <https://doi.org/10.1109/ACCESS.2019.2909919>
- Yansari, B. A. R., & Trianasari, N. (2021). Analysis of Hotel Visitor Reviews using LDA-Based Topic Modeling Method. *Almana : Jurnal Manajemen Dan Bisnis*, 5(2), 165–173. <https://doi.org/10.36555/almana.v5i2.1550>