

DAFTAR PUSTAKA

- Abbas, M., Mus, R., Siahaya, P. G., Tamalsir, D., Astuty, E., Yunita, M., & Tanihatu, G. E. (2023). Upaya Preventif Infeksi Saluran Kemih (ISK) melalui Skrining Pemeriksaan Urine pada Remaja Putri. *Jurnal Kreativitas Pengabdian Kepada Masyarakat (PKM)*, 6(10), 4317–4327. <https://doi.org/10.33024/jkpm.v6i10.12248>
- Abebayehu, A. (2023). Urine Test Strip Analysis, Concentration Range and Its Interpretations of The Parameters. *GSC Biological and Pharmaceutical Sciences*, 22(2), 1–13.
- Ananda, I. K. N., Dewi, N. P. N. P., Marti, N. W., & Dewi, L. J. E. (2024). Klasifikasi Multilabel pada Gaya Belajar Siswa Sekolah Dasar Menggunakan Algoritma Machine Learning. *Journal of Applied Computer Science and Technology (JACOST)*, 5(2), 144–154.
- Ayuningtyas, N., & Yustanti, W. (2024). Semi-Supervised Learning pada Pelabelan dalam Klasifikasi Multi-Label Data Teks. *Journal of Informatics and Computer Science (JINACS)*, 6(01), 240–248. <https://doi.org/10.26740/jinacs.v6n01.p240-248>
- Baladram, S. (2024). *Bernoulli Naive Bayes, Explained: A Visual Guide with Code Examples for Beginners*. Towards Data Science.
- Behrman, R. E., Kliegman, R. M., & Arvin, A. M. (2000). *Ilmu Kesehatan Anak Nelson* (A. S. Wahab (ed.); 15th ed.). EGC.
- Betan, A., Badaruddin, & Fatmawati. (2022). Personal Hygiene dengan Kejadian Demam Tifoid. *Jurnal Ilmiah Kesehatan Sandi Husada*, 11(2), 505–512.
- Bishop, C. M. (2006). *Pattern Recognition and Machine Learning*. Springer.
- Bozkurt, B., Coats, A. J., Tsutsui, H., Abdelhamid, M., Adamopoulos, S., Albert, N., Anker, S. D., Atherton, J., Böhm, M., Butler, J., Drazner, M. H., Felker, G. M., Filippatos, G., Fonarow, G. C., Fiuzat, M., Gomez-Mesa, J. E., Heidenreich, P., Imamura, T., Januzzi, J., ... Zieroth, S. (2021). Universal Definition and Classification of Heart Failure: A Report of the Heart Failure Society of America, Heart Failure Association of the European Society of Cardiology, Japanese Heart Failure Society and Writing Committee of the Universal Definition o. *Journal of Cardiac Failure*, 27(4), 387–413. <https://doi.org/10.1016/j.cardfail.2021.01.022>
- Bustami. (2013). Penerapan Algoritma Naive Bayes untuk Mengklasifikasi Data Nasabah Asuransi. *TECHSI - Jurnal Penelitian Teknik Informatika*, 5(2), 127–146. <https://doi.org/10.29103/techsi.v5i2.154>

- Chowdhury, S. R., Chandra Das, D., Sunna, T. C., Beyene, J., & Hossain, A. (2023). Global and Regional Prevalence of Multimorbidity in The Adult Population in Community Settings: A Systematic Review and Meta-Analysis. *EClinicalMedicine*, 57, 101860. <https://doi.org/10.1016/j.eclinm.2023.101860>
- Colvy, J. (2010). *Gagal Ginjal: Tips Cerdas Mengenali & Mencegah Gagal Ginjal*. Dafa Publishing.
- Familah, A., Arifin, A. F., Muchsin, A. H., Rachman, M. E., & Dahliah. (2024). Karakteristik Penderita Stroke Iskemik dan Stroke Hemoragik Aulyra. *Fakumi Medical Journal: Jurnal Mahasiswa Kedokteran*, 4(6), 457–464.
- Fitriani, E. E., & Yustanti, W. (2022). Perbandingan Kinerja Metode Problem Transformation-KNN dan Algorithm Adaptation-KNN pada Klasifikasi Multi-Label Pertanyaan Kotakode. *Journal of Emerging Information System and Business Intelligence (JEISBI)*, 3(3), 122–130. <https://doi.org/10.26740/jeisbi.v3i3.47510>
- France, E. F., Wyke, S., Gunn, J. M., Mair, F. S., McLean, G., & Mercer, S. W. (2012). Multimorbidity in Primary Care: A Systematic Review of Prospective Cohort Studies. *British Journal of General Practice*, 62(597), e297. <https://doi.org/10.1177/1755738014549756>
- Frénay, B., & Verleysen, M. (2014). Classification in The Presence of Label Noise : A Survey. *IEEE Transactions on Neural Networks and Learning Systems*, 25(5), 845–869. <https://doi.org/10.1109/TNNLS.2013.2292894>
- Han, M., Yang, S., Wu, H., & Ding, J. (2025). Multi-Label Classification Algorithm for Adaptive Heterogeneous Classifier Group. *Mathematics*, 13(103). <https://doi.org/10.3390/math13010103>
- John, G. H., & Langley, P. (1995). Estimating Continuous Distributions in Bayesian Classifiers. *Proceedings of the Eleventh Conference on Uncertainty in Artificial Intelligence*, 338–345.
- Kartikasari, P., Utami, I. T., Suparti, & Rahman, S. D. F. (2023). Breast Cancer Classification Using Support Vector Machine (SVM) and Light Gradient Boosting Machine (LIGHTGBM) Models. *Media Statistika*, 16(2), 182–193.
- Kusuma, A. P., Utami, I. T., & Purwono, J. (2022). Pengaruh Terapi “Menggendam Bola Karet Bergerigi” terhadap Perubahan Kekuatan Otot pada Pasien Stroke Diukur Menggunakan Hangryp Dynamometer di Ruang Syaraf RSUD Jend A Yani Kota Metro. *Jurnal Cendikia Muda*, 2(1), 17–23. <https://journal.uny.ac.id/index.php/jpts/article/view/53930>
- LeMone, P., Burke, K. M., & Bauldoff, G. (2015). *Buku Ajar Keperawatan Medikal Bedah Vol. 3* (5th ed.). EGC.
- Lingga, L. (2013). *All About Stroke: Hidup Sebelum dan Pasca Stroke*. Elex Media Komputindo.

- Lishania, I., Goejantoro, R., & Nasution, Y. N. (2019). Perbandingan Klasifikasi Metode Naive Bayes dan Metode Decision Tree Algoritma (J48) pada Pasien Penderita Penyakit Stroke di RSUD Abdul Wahab Sjahranie Samarinda. *Jurnal Ekspansional*, 10(2), 135–142.
- Luaces, O., Díez, J., Barranquero, J., del Coz, J. J., & Bahamonde, A. (2012). Binary Relevance Efficacy for Multilabel Classification. *Progress in Artificial Intelligence*, 1, 303–313. <https://doi.org/10.1007/s13748-012-0030-x>
- Mahwati, Y. (2014). Determinants of Multimorbidity among The Elderly Population in Indonesia. *Kesmas: National Public Health Journal*, 9(2), 187–193. <https://doi.org/10.21109/kesmas.v9i2.516>
- McCallum, A., & Nigam, K. (1998). A Comparison of Event Models for Naive Bayes Text Classification. *AAAI Technical Report*, 41–48. <https://doi.org/10.1.1.46.1529>
- Meha, Y. D. P., Gaol, R. L., Perangin-Angin, I. H., & Tondang, G. (2024). Gambaran Pengetahuan pada Ibu Tentang Demam Tifoid Anak di Ruang Theresia Rumah Sakit Santa Elisabeth Medan Tahun 2024. *NAJ: Nursing Applied Journal*, 2(4), 130–138. <https://doi.org/10.57213/naj.v2i4.416>
- Mitchell, T. M. (2020). Generative and Discriminative Classifiers: Naive Bayes and Logistic Regression. In *Machine Learning*. <http://www.cs.cmu.edu/~tom/mlbook/NBayesLogReg.pdf>
- Murphy, K. P. (2012). *Machine Learning: A Probabilistic Perspective*. The MIT Press.
- Musa, D. M., Sakti, D., Shantiony, K. A., Zega, S. K. P., Hamzah, S., Zega, Y. J., & Lubis, B. O. (2024). Penerapan Data Mining untuk Klasifikasi Data Penjualan Pakan Ternak Terlaris dengan Algoritma C4.5. *Jurnal Teknologi Informatika dan Komputer MH. Thamrin*, 10(1), 168–182. <https://doi.org/10.37012/jtik.v10i1.1985>
- Powers, D. M. W. (2011). Evaluation: from Precision, Recall and F-measure to ROC, Informedness, Markedness and Correlation. *Journal of Machine Learning Technologies*, 2(1), 37–63.
- Pranandari, R., & Supadmi, W. (2015). Faktor Risiko Gagal Ginjal Kronik di Unit Hemodialisis RSUD Wates Kulon Progo. *Majalah Farmaseutik*, 11(2), 316–320.
- Prasetyo, E. (2012). *Data Mining: Konsep dan Aplikasi Menggunakan MATLAB* (1st ed.). CV Andi Offset.
- Rahmawati, E., Wibowo, A., & Warsito, B. (2025). Evaluation of Machine Learning Algorithms for Classifying User Perceptions of a Child Health Monitoring Application. *Jurnal Informatika*, 11(2), 90–96.

- Rennie, J. D. M., Shih, L., Teevan, J., & Karger, D. R. (2003). Tackling the Poor Assumptions of Naive Bayes Text Classifiers. *Proceedings of the Twentieth International Conference on Machine Learning (ICML-2003)*, 616–623.
- Rifai, M. F., Jatnika, H., & Valentino, B. (2019). Penerapan Algoritma Naïve Bayes pada Sistem Prediksi Tingkat Kelulusan Peserta Sertifikasi Microsoft Office Specialist (MOS). *Petir: Jurnal Pengkajian dan Penerapan Teknik Informatika*, 12(2), 131–144. <https://doi.org/10.33322/petir.v12i2.471>
- Rizkyani, E., Ernawati, I., & Chamidah, N. (2022). Klasifikasi Multi-Label Menggunakan Metode Multi-Label K-Nearest Neighbor (ML-KNN) pada Penyakit Kanker Serviks. *JIPi (Jurnal Ilmiah Penelitian dan Pembelajaran Informatika)*, 7(4), 1281–1293. <https://doi.org/10.29100/jipi.v7i4.3260>
- Rumawas, M. E., & Buchori, I. (2023). Prevalensi Multimorbiditas, Kebutuhan Perawatan dan Keterbatasan Aktivitas pada Lansia di Jakarta. *Ebers Papyrus*, 29(1). <https://doi.org/10.24912/ep.v29i1.23964>
- Salminen, J., Yoganathan, V., Corporan, J., Jansen, B. J., & Jung, S.-G. (2019). Machine Learning Approach to Auto-Tagging Online Content for Content Marketing Efficiency: A Comparative Analysis Between Methods and Content Type. *Journal of Business Research*, 101, 203–217. <https://doi.org/10.1016/j.jbusres.2019.04.018>
- Sambamoorthi, U., Tan, X., & Deb, A. (2015). Multiple Chronic Conditions and Healthcare Costs among Adults. *Expert Review of Pharmacoeconomics and Outcomes Research*, 15(5), 823–832. <https://doi.org/10.1586/14737167.2015.1091730>
- Saputra, D., Aziz Fahmi, A., Alauddin, & Azizan, M. (2025). Comparative Analysis of Gaussian Naïve Bayes and Categorical Naïve Bayes Algorithms with Laplace Smoothing in COVID-19 Detection. *Jurnal Ilmu Komputer dan Informatika (JIKI)*, 5(1), 69–78.
- Syarli, S., & Muin, A. A. (2016). Metode Naive Bayes untuk Prediksi Kelulusan (Studi Kasus: Data Mahasiswa Baru Perguruan Tinggi). *Jurnal Ilmiah Ilmu Komputer*, 2(1), 22–26. <http://ejournal.fikom-unasman.ac.id>
- Tarekegn, A. N., Giacobini, M., & Michalak, K. (2021). A Review of Methods for Imbalanced Multi-Label Classification. *Pattern Recognition*, 118. <https://doi.org/10.1016/j.patcog.2021.107965>
- The National Institute of Health Research and Development. (2008). Report on Result of National Basic Health Research (RISKESDAS) 2007. In *Ministry of Health, Republic of Indonesia*.
- Tsoumakas, G., & Katakis, I. (2009). Multi-Label Classification : An Overview. *International Journal of Data Warehousing and Mining*. <https://doi.org/10.4018/jdwm.2007070101>

- Valderas, J. M., Starfield, B., Sibbald, B., Salisbury, C., & Roland, M. (2009). Defining Comorbidity: Implications for Understanding Health and Health Services. *Annals of Family Medicine*, 7(4), 357–363. <https://doi.org/10.1370/afm.983>
- Verliani, H., Hilmi, I. L., & Salman. (2022). Faktor Risiko Kejadian Demam Tifoid di Indonesia 2018–2022: Literature Review. *JUKEJ: Jurnal Kesehatan Jompa*, 1(2), 144–154.
- Violan, C., Foguet-Boreu, Q., Flores-Mateo, G., Salisbury, C., Blom, J., Freitag, M., Glynn, L., Muth, C., & Valderas, J. M. (2014). Prevalence, Determinants and Patterns of Multimorbidity in Primary Care: A Systematic Review of Observational Studies. *PLOS One*, 9(7), 3–11. <https://doi.org/10.1371/journal.pone.0102149>
- Virginio, L., & dos Reis, J. C. (2018). Automated Coding of Medical Diagnostics from Free-Text: the Role of Parameters Optimization and Imbalanced Classes. *Lecture Notes in Computer Science (Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 11371 LNBI, 122–134. https://doi.org/10.1007/978-3-030-06016-9_12
- Widiharih, T., & Mukid, M. A. (2018). Credit Scoring Menggunakan Metode Local Means Based K Harmonic Nearest Neighbor (MLMKHNN). *Media Statistika*, 11(2), 107–117. <https://doi.org/10.14710/medstat.11.2.107-117>
- Willyono, A., Presley, B., Kamallan, C., Primayani, D., Setiawan, E., Herawati, F., Budiarto, G., Susanto, H., Haryo, P., Gondosudijanto, I., Irawati, L., Tjahjono, M., Meryana, Pranawa, Juslim, R. R., Irawati, S., & Wibowo, Y. I. (2018). Penyakit Kardiovaskular: Seri Pengobatan Rasional. In *Graha Ilmu*. [http://repository.ubaya.ac.id/37369/7/Seri Pengobatan Rasional 1-Penyakit Kardiovaskular.pdf](http://repository.ubaya.ac.id/37369/7/Seri%20Pengobatan%20Rasional%201-Penyakit%20Kardiovaskular.pdf)
- Wiraguna, A., Faraby, S. Al, & Adiwijaya. (2019). Klasifikasi Topik Multi Label pada Hadis Bukhari dalam Terjemahan Bahasa Indonesia Menggunakan Random Forest. *E-Proceeding of Engineering*, 6(1), 2144–2153. <https://openlibrarypublications.telkomuniversity.ac.id/index.php/engineering/article/view/8507>
<https://openlibrarypublications.telkomuniversity.ac.id/index.php/engineering/article/download/8507/8377>
- Wongkar, A. H., & Yalume, R. A. S. (2019). Faktor yang Mempengaruhi Penyakit Jantung Koroner di Ruang Poliklinik Jantung RS. Bhayangkara TK. III Manado. *Journal Of Community and Emergency*, 7(1), 27–41.
- World Health Organization. (2016). Multimorbidity: Technical Series on Safer Primary Care. In *World Health Organization*. <https://doi.org/10.1097/01.NURSE.0000524761.58624.1f>

- Yashir, M., & Apriani. (2019). Variasi Bakteri pada Penderita Infeksi Saluran Kemih (ISK). *Jurnal Media Kesehatan*, 12(2), 102–109. <https://doi.org/10.33088/jmk.v12i2.441>
- Yazid, R. M., Umbara, F. R., & Sabrina, P. N. (2022). Deteksi Ujaran Kebencian dengan Metode Klasifikasi Naïve Bayes dan Metode N-Gram pada Dataset Multi-Label Twitter Berbahasa Indonesia. *Informatics and Digital Expert (INDEX)*, 4(2), 46–52. <https://doi.org/10.36423/index.v4i2.894>
- Zhang, M. (2009). ML-RBF : RBF Neural Networks for Multi-Label Learning. *Neural Processing Letters*, 29(2), 61–74.
- Zhang, M. L., Li, Y. K., Liu, X. Y., & Geng, X. (2018). Binary Relevance for Multi-Label Learning: An Overview. *Frontiers of Computer Science*, 12(2), 191–202. <https://doi.org/10.1007/s11704-017-7031-7>
- Zhang, M. L., & Zhou, Z. H. (2014). A Review on Multi-Label Learning Algorithms. *IEEE Transactions on Knowledge and Data Engineering*, 26(8), 1819–1837. <https://doi.org/10.1109/TKDE.2013.39>
- Zhang, M., & Zhou, Z. (2007). ML-KNN : A Lazy Learning Approach to Multi-Label Learning. *Pattern Recognition*, 40(7), 2038–2048.