



DAFTAR PUSTAKA

- Alaoui, S. S., Farhaoui, Y., Aksasse B. (2018). Classification algorithms in Data Mining. *International Journal of Tomography and Simulation*. Diakses dari <https://www.researchgate.net/publication/326866871>
- An, A. and Cercone, N. (1999). *Discretization of Continuous Attributes for Learning Classification*. 504-514. Diakses dari https://www.academia.edu/4733251/Discretization_of_Continuous_Attributes_for_Learning_Classification_Rules
- Anton, H. (1981). *Elementary Linear Algebra* (3th ed.). USA: John Wiley & Sons, Inc.
- Anton, H., Rorres, C. (2005). *Elementary Linear Algebra* (9th ed.). USA: John Wiley & Sons, Inc.
- Asgarnezhad, R., Shekofteh, M., Boroujeni, F. Z. (2017). Improving Diagnosis of Diabetes Mellitus Using Combination of Preprocessing Techniques. *Journal of Theoretical and Applied Information Technology*, 95, pp. 2889-2895.
- Bain, L. J. dan Engelhardt, M.. (1992). *Introduction to Probability and Mathematical Statistics*. California: Duxbury Press.
- Baiharu, T. R., Pani, S. K. (2015). A Comparative Study of Data Mining Classification Techniques using Lung Cancer Data. *International Journal of Computer Trends and Technology*, 22, 91-95. Diakses dari <http://www.ijcttjournal.org>
- Berrar D. (2018) Cross-validation. *Encyclopedia of Bioinformatics and Computational Biology*, 1, 542-545. <https://doi.org/10.1016/B978-0-12-809633-8.20349-X>
- Carter, T. (2011). An Introduction to Information Theory and Entropy. *Complex Systems Summer School*. Diakses dari <http://astarte.csustan.edu/~tom/SFI-CSSS>



- Cheema, J. R., (2014). A Review of Missing Data Handling Methods in Education Research. *Review of Educational Research*, 84, 487-508. DOI: 10.3102/0034654314532697
- Doshi, M., Chaturvedi, S. K. (2014). CORRELATION BASED FEATUR SELECTION (CFS) TECHNIQUE TO PREDICT STUDENT PERFROMANCE. *International Journal of Computer Networks & Communications (IJCNC)*. 6, 197-206. DOI : 10.5121/ijcnc.2014.6315 197
- Eekhout, I., de Vet, H.C.W., Twisk, J.W.R., Brand, J.P.L., de Boer, M.R., & Heymans, M.W. (2014). Missing data in a multi-item instrument were best handled by multiple imputation at the item score level. *Journal of Clinical Epidemiology*, 3, 335-342.
- Eid, H. F., Abraham, A. (2018). Adaptive Feature Selection and Classification Using Modified Whale Optimization. *International Journal of Computer Information System and Industrial Management Application*, 10, 174-182. Diakses dari <https://www.researchgate.net/publication/339972964>
- Fangshuai, S., dkk. (2015). *Research of Clothing Sales Prediction and Analysis Based on ID3 Decision Tree Algorithm*. Beijin: Atlantis Press
- Fayyad, U. M., Irani, K. B., *Multi-Interval Discretization of Continous-Valued Attributes for Classification Learning*. 1023-1027. Diakses dari <http://web.donga.ac.kr/kjunwoo/files/Multi%20interval%20discretization%20of%20continuous%20valued%20attributes%20for%20classification%20learning.pdf>
- Gorade, S. M., Deo, A., Purohit, P. (2017). A Study of Some Data Mining Classification Techniques. *International Research Journal of Engineering and Technology*, 4, 3112-3115. Diakses dari www.irjet.net
- Hall, M. (1999). *Correlation-based Feature Selection for Machine Learning* (doctoral disseration). Tersedia dari website The Wakaito University.
- Han, J., & Kamber, M. (2006). *Data Mining: Concepts and Techniques* (2 ed.). San Francisco: Elsevier Inc.



- Han, J., Kamber, M., Pei, J. (2012). *Data Mining: Concepts and Techniques*. San Francisco: Morgan Kaufmann.
- Hartley, R. V. L. (1928). Transformation of Information. *Bell System Technical Journal*, 535. Diakses dari <http://people.math.harvard.edu/~ctm/home/text/others/shannon/entropy/entropy.pdf>
- Jacob, E. K. (2004). School of Library and Information Science. (10th Ed). *Classification and Categorization: A Difference that Makes a Difference* (pp. 515–540). Bloomington: Indiana University.
- Kapoor, P., Arora, D., Kumar, A. (2017) Implications of Discretization Towards Improving Classification Accuracy for. *Journal of Theoretical and Applied Information Technology*, 95, 6893–6901. Diakses dari <https://www.researchgate.net/publication/339972964>
- Karegowda, A.G., Manjunath, A. S., Jayaram, M.A. (2010). COMPARATIVE STUDY OF ATTRIBUTE SELECTION USING GAIN RATIO AND CORRELATION BASED FEATURE SELECTION. *International Journal of Information Technology and Knowledge Management*, 2, 271-277. Diakses dari <http://www.csjournals.com/IJITKM/PDF%203-1/19.pdf>
- Kumar, S., Sharma, H.. (2016). *A Survey on Decision Tree Algorithms of Classification in Data Mining*. Diakses dari <https://www.researchgate.net/publication/324941161>
- Kotsiantis, S. B., Kanellopoulos, D., Pintelas, P. E. (2007). Data Preprocessing for Supervised Learning. *World Academy of Science, Engineering and Technology*, 1, 856—861.
- Mashat, A. F., dkk. (2012). A Decision Tree Classification Model for University Admission. *System International Journal of Advanced Computer Science and Applications*, 3, 17-21. Diakses dari www.ijacs.thesai.org.
- Matheus, C. J., Chan, P. K., Piatetsky-Shapiro, G. (1998). System for Knowledge Discovery in Databases. *IEEE Transaction on Knowledge and Data*



- Engineering, 5, 903-913. Diakses dari
<https://www.researchgate.net/publication/2247895>
- McKnight, P. E., McKnight, K. M., Sidani, S., & Figueredo, A. J. (2007). *Missing Data A Gentle Introduction*. New York: The Guilford Press.
- Muslim, M. A., dkk. (2020). Increasing Accuracy of C4.5 Algorithm by Applying Discretization and Correlation-based Feature Selection for Chronic Kidney Disease Diagnosis. *Journal of Telecommunication*, 12, 25-32. Diakses dari
<https://www.researchgate.net/publication/339972964>
- Neelamegam, S., Ramaraj, E. (2013). Classification algorithm in Data mining: An Overview. *International Journal of P2P Network Trends and Technology*, 3, 1-5. Diakses dari <http://www.ijpttjournal.org>
- Quinlan, J. R.. (1986). Induction of Decision Trees. (Ed). *Machine Learning* (pp: 81-106). Boston: Kluwer Academic Publishers.
- Ramageri, B. M., DATA MINING TECHNIQUES AND APPLICATIONS. *Indian Journal of Computer Science and Engineering*, 1, 301-305. Diakses dari
https://www.researchgate.net/publication/49616224_Data_mining_techniques_and_applications
- Refaeilzadeh, P., dkk. (2008). Cross-Validation. Arizona: Arizona State University.
- Rokach, L., Maimon, O. DATA MINING AND KNOWLEDGE DISCOVERY HANDBOOK. Tel-Aviv University: Penulis.
- Rubin, D. B. (1976). Inference and Missing Data. *JSTOR*, 63, 581-592.
doi.org/10.2307/2335739
- Sasikala, S. (2016) Multi Filtration Feature Selection (MFFS) to improve discriminatory ability in clinical data set. *Applied Computing and Informatics*, 12, 117–127. Diakses dari
<https://www.researchgate.net/publication/339972964>
- Satyanarayana, N., Ramalingaswamy, CH. Ramadevi, Y. (2014). Survey of Classification Techniques in Data Mining. *International Journal of*



Innovative Science, Engineering & Technology, 1, 268-278. Diakses dari www.ijiset.com

Shannon, C.E. (1948). A Mathematical Theory of Communication. *The Bell System Technical Journal*, 27, 379–423, 623–656. Diakses dari <http://people.math.harvard.edu/~ctm/home/text/others/shannon/entropy/entropy.pdf>

Simões, M. G., Freitas M. C. V., Rodríguez-Bravo, B. (2016). Theory of Classification and Classification in Libraries and Archives: Convergences and Divergences. *Knowledge Organization*. DOI: 10.5771/0943-7444-2016-7-530

Stone, J. V. (2015). Information Theory: A Tutorial Introduction. (1th Ed). *What Is Information?* (pp. 1-10). United Kingdom: Sebtel Press.

Subanar. (2013). Statistika Matematika Probabilitas, Distribusi, dan Asimtotis dalam Statistika (1th Ed). Yogyakarta: Graha Ilmu.

Sutojo, T. (2010). *Teori dan Aplikasi Aljabar Linear dan Matriks*. Yogyakarta: Andi Offset.

Tan, P., Steinback, M., Kumar, V. (2006). *Introduction to Data Mining*. Publisher: Pearson Education

Widodo, A., Handoyo, S. (2017). The Classification Performance Using Logistic Regression And Support Vector Machine (SVM). *Journal of Theoretical and Applied Information Technology*, 95, 5184-5194. Diakses dari <https://www.researchgate.net/publication/339972964>

Wijayanti, I. E., Wahyuni, S., Susanti, Y. (2015), *Dasar-dasar Aljabar Linear dan Penggunaannya dalam Berbagai Bidang*. Yogyakarta: Gadjah Mada University Press.

Witten, I. H., Frank, E., Hall, M., Mark, A. (2011). *Data Mining: Practical Machine Learning Tools and Techniques*. (3rd ed.). Elsevier: ISBN 978-0-12-374856-0.



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Xiaohu, W., Lele, W., Nianfeng, L.. (2012). An Application of Decision Tree Based on ID3. *2012 International Conference on Solid State Devices and Materials Science*. 1017-1021. Doi: 10.1016/j.phpro.2012.03.193.