

DAFTAR PUSTAKA

- Ahmad, N., Tasir, Z., Kasim, J., & Sahat, H. (2013). Automatic Detection of Learning Styles in Learning Management Systems by Using Literature-based Method. *Procedia - Social and Behavioral Sciences*, 103, 181–189.
- Aissaoui, O. E., El madani, Y. E. A., Oughdir, L., & Alloui, Y. E. (2019). Combining supervised and unsupervised machine learning algorithms to predict the learners' learning styles. *Procedia Computer Science*, 148, 87–96.
- Amir, E. S., Sumadyo, M., Sensuse, D. I., Sucahyo, Y. G., & Santoso, H. B. (2016). Automatic detection of learning styles in learning management system by using literature-based method and support vector machine. *2016 International Conference on Advanced Computer Science and Information Systems (ICACSIS)*, 141–144.
- Asogbon, M., Samuel, O., Omisore, O., & Ojokoh, B. (2016). A Multi-class Support Vector Machine Approach for Students Academic Performance Prediction. *International Journal of Multidisciplinary and Current Research*, 4, 210–215.
- Burman, I., & Som, S. (2019). Predicting Students Academic Performance Using Support Vector Machine. *2019 Amity International Conference on Artificial Intelligence (AICAI)*, 756–759.
- Campbell, C., & Ying, Y. (2011). *Learning with Support Vector Machines* (1 edition). Morgan & Claypool Publishers.
- Crockett, K., Latham, A., Mclean, D., Bandar, Z., & O'Shea, J. (2011). On predicting learning styles in conversational intelligent tutoring systems using fuzzy classification trees. *2011 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE 2011)*, 2481–2488.
- Dietterich, T. G. (2000). Ensemble Methods in Machine Learning. *Multiple Classifier Systems*, 1–15.
- Dung, P. Q., & Florea, A. M. (2012). A literature-based method to automatically detect learning styles in learning management systems. *Proceedings of the 2nd International Conference on Web Intelligence, Mining and Semantics*, 1–7.
- Felder, R. M., & Silverman, L. K. (1988). Learning and Teaching Styles in Engineering Education. *Journal of Engineering Education -Washington-*, 78, 674–681.
- Feldman, J., Monteserin, A., & Amandi, A. (2015). Automatic detection of learning styles: State of the art. *Artificial Intelligence Review*, 44(2), 157–186.

- Girelli, S. A., & Stake, J. E. (1993). Bipolarity in Jungian Type Theory and the Myers–Briggs Type Indicator. *Journal of Personality Assessment*, 60(2), 290–301.
- Gomede, E., Miranda de Barros, R., & de Souza Mendes, L. (2020). Use of Deep Multi-Target Prediction to Identify Learning Styles. *Applied Sciences*, 10(5), 1756.
- Graf, S. (2007). *Adaptivity in Learning Management Systems Focussing On Learning Styles*. Vienna University of Technology.
- Graf, S., Kinshuk, & Liu, T.-C. (2008). Identifying Learning Styles in Learning Management Systems by Using Indications from Students' Behaviour. *2008 Eighth IEEE International Conference on Advanced Learning Technologies*, 482–486.
- Gunn, S. R. (1998). *Support Vector Machines for Classification and Regression* [Monograph]. s.n. <https://eprints.soton.ac.uk/256459/>
- Hidayat, N., Wardoyo, R., Sn, A., & Surjono, H. D. (2020). Enhanced Performance of the Automatic Learning Style Detection Model using a Combination of Modified K-Means Algorithm and Naive Bayesian. *International Journal of Advanced Computer Science and Applications (IJACSA)*, 11(3), Article 3.
- Karagiannis, I., & Satratzemi, M. (2018). An adaptive mechanism for Moodle based on automatic detection of learning styles. *Education and Information Technologies*, 23(3), 1331–1357.
- Khanna, R., & Awad, M. (2015). Efficient Learning Machines: Theories, Concepts, and Applications for Engineers and System Designers. In *Efficient Learning Machines: Theories, Concepts, and Applications for Engineers and System Designers*.
- Kika, A., Leka, L., Maxhelaku, S., & Ktona, A. (2019, January 1). *USING DATA MINING TECHNIQUES ON MOODLE DATA FOR CLASSIFICATION OF STUDENT'S LEARNING STYLES*.
- Kolb, A. Y., & Kolb, D. A. (2005). Learning Styles and Learning Spaces: Enhancing Experiential Learning in Higher Education. *Academy of Management Learning & Education*, 4(2), 193–212.
- Latham, A., Crockett, K., McLean, D., & Edmonds, B. (2012). A conversational intelligent tutoring system to automatically predict learning styles. *Computers & Education*, 59(1), 95–109.
- Li, L. X., & Abdul Rahman, S. S. (2018). Students' learning style detection using tree augmented naive Bayes. *Royal Society Open Science*, 5(7), 172108.
- Liyana, M. P. P., Gunawardena, K. S. L., & Hirakawa, M. (2013). A framework for adaptive learning management systems using learning styles. *2013 International Conference on Advances in ICT for Emerging Regions (ICTer)*, 261–265.

- Lo, J.-J., & Shu, P.-C. (2005). Identification of learning styles online by observing learners' browsing behaviour through a neural network. *British Journal of Educational Technology*, 36(1), 43–55.
- Maaliw III, R. (2017, September 18). *Comparative Analysis of Mining Techniques for Classification of Student's Learning Styles*.
- Mahnane, L., & Hafidi, M. (2016). Automatic detection of learning styles based on dynamic Bayesian network in adaptive e-learning system. *International Journal of Innovation and Learning*.
- Mehenaoui, Z., Yacine, L., Layachi, Z. (2022). Learning Behavior Analysis to Identify Learner's Learning Style based on Machine Learning Techniques. *JUCS - Journal of Universal Computer Science*. 28. 1193-1220. 10.3897/jucs.81518.
- Naicker, N., Adeliyi, T., & Wing, J. (2020). Linear Support Vector Machines for Prediction of Student Performance in School-Based Education. *Mathematical Problems in Engineering*, 2020, e4761468.
- Nasiri, J., Mir, A. M., & Fatahi, S. (2019). Classification of learning styles using behavioral features and twin support vector machine. *Technology of Education Journal (TEJ)*, 13(2), 316–326.
- Pitigala Liyanage, P., Gunawardena, L., & Hirakawa, M. (2016). Detecting Learning Styles in Learning Management Systems Using Data Mining. *Journal of Information Processing*, 24, 740–749.
- Rai, P. (2011). Kernel Methods and Nonlinear Classification. *CS5350/6350: Machine Learning*, 15.
- Sanders, D. A., & Bergasa-Suso, J. (2010). Inferring Learning Style From the Way Students Interact With a Computer User Interface and the WWW. *IEEE Transactions on Education*, 53(4), 613–620.
- Santosa, B. (2011). *Data Mining: Teknik Pemanfaatan Data untuk Keperluan Bisnis*. Graha Ilmu.
- Sarkar, D., Bali, R., & Ghosh, T. (2018). *Hands-On Transfer Learning with Python: Implement advanced deep learning and neural network models using TensorFlow and Keras*. Packt Publishing Ltd.
- Sheeba, T., & Krishnan, R. (2019). Automatic Detection of Students Learning Style in Learning Management System. In A. Al-Masri & K. Curran (Eds.), *Smart Technologies and Innovation for a Sustainable Future* (pp. 45–53). Springer International Publishing.
- Sweta, S., & Lal, K. (2016). Learner Model for Automatic Detection of Learning Style Using FCM in Adaptive E-Learning System. *IOSR Journal of Computer Engineering*, 18(2), 18–24.

- Vapnik, V., Golowich, S. E., & Smola, A. J. (1997). Support Vector Method for Function Approximation, Regression Estimation and Signal Processing. In M. C. Mozer, M. I. Jordan, & T. Petsche (Eds.), *Advances in Neural Information Processing Systems 9* (pp. 281–287). MIT Press.
- Zine, O., Derouich, A., & Talbi, A. (2019). A Comparative Study of the Most Influential Learning Styles used in Adaptive Educational Environments. *International Journal of Advanced Computer Science and Applications (IJACSA)*, 10(11), Article 11.