

Referensi

- [1] R. J. Quinn and G. Gray, "Prediction of student academic performance using Moodle data from a Further Education setting," *Irish J. Technol. Enhanc. Learn.*, vol. 5, no. 1, 2020, doi: 10.22554/ijtel.v5i1.57.
- [2] R. Conijn, C. Snijders, A. Kleingeld, and U. Matzat, "Predicting student performance from LMS data: A comparison of 17 blended courses using moodle LMS," *IEEE Trans. Learn. Technol.*, vol. 10, no. 1, pp. 17–29, 2017, doi: 10.1109/TLT.2016.2616312.
- [3] J. P. Cerro Martínez, M. Guitert Catasús, and T. Romeu Fontanillas, "Impact of using learning analytics in asynchronous online discussions in higher education," *Int. J. Educ. Technol. High. Educ.*, vol. 17, no. 1, 2020, doi: 10.1186/s41239-020-00217-y.
- [4] M. Saqr, U. Fors, and M. Tedre, "How learning analytics can early predict under-achieving students in a blended medical education course," *Medical Teacher*, vol. 39, no. 7, pp. 757–767, 2017, doi: 10.1080/0142159X.2017.1309376.
- [5] X. Li, L. Xie, and H. Wang, "Grade Prediction in MOOCs," *Proc. - 19th IEEE Int. Conf. Comput. Sci. Eng. 14th IEEE Int. Conf. Embed. Ubiquitous Comput. 15th Int. Symp. Distrib. Comput. Appl. to Business, Engi*, pp. 386–392, 2016, doi: 10.1109/CSE-EUC-DCABES.2016.213.
- [6] I. Technologies, "Predicting student final performance using artificial neural networks in online learning environments," *Educ. Inf. Technol.*, 2019.
- [7] M. Matetic, "Mining learning management system data using interpretable neural networks," *2019 42nd Int. Conv. Inf. Commun. Technol. Electron. Microelectron. MIPRO 2019 - Proc.*, pp. 1282–1287, 2019, doi: 10.23919/MIPRO.2019.8757113.
- [8] J. W. You, "Identifying significant indicators using LMS data to predict course achievement in online learning," *Internet High. Educ.*, vol. 29, pp. 23–30, 2016, doi: 10.1016/j.iheduc.2015.11.003.
- [9] M. Firat, "Determining the effects of lms learning behaviors on academic achievement in a learning analytic perspective," *J. Inf. Technol. Educ. Res.*, vol. 15, no. 2016, pp. 75–87, 2016, doi: 10.28945/3405.
- [10] O. H. T. Lu, A. Y. Q. Huang, J. C. H. Huang, A. J. Q. Lin, H. Ogata, and S. J. H. Yang, "Applying learning analytics for the early prediction of students' academic performance in blended learning," *Educ. Technol. Soc.*, vol. 21, no. 2, pp. 220–232, 2018.
- [11] S. A. Naser, I. Zaquut, M. A. Ghosh, R. Atallah, and E. Alajrami, "Predicting Student Performance Using Artificial Neural Network: in the Faculty of Engineering and Information Technology," *Int. J. Hybrid Inf. Technol.*, vol. 8, no. 2, pp. 221–228, 2015, doi: 10.14257/ijhit.2015.8.2.20.
- [12] Z. Papamitsiou and A. A. Economides, "Learning analytics and educational data mining in practice: A systemic literature review of empirical evidence," *Educ. Technol. Soc.*, vol. 17, no. 4, pp. 49–64, 2014.
- [13] E. T. L. L. Sun and Q. Yang, "Modelling , prediction and classification of student academic performance using artificial neural networks," *SN Appl. Sci.*, no. July, 2019, doi: 10.1007/s42452-019-0884-7.
- [14] M. S. Wibawa, "Pengaruh Fungsi Aktivasi , Optimisasi dan Jumlah Epoch Terhadap Performa Pengaruh Fungsi Aktivasi , Optimisasi dan Jumlah Epoch Terhadap Performa Jaringan Saraf Tiruan," no. December, 2018, doi: 10.13140/RG.2.2.21139.94241.
- [15] H. Putra and N. Ulfa, "Jurnal Nasional Teknologi dan Sistem Informasi Penerapan Prediksi Produksi Padi Menggunakan Artificial Neural Network Algoritma Backpropagation," vol. 02, pp. 100–107, 2020.
- [16] A. Alhassan, B. Zafar, and A. Mueen, "Predict students' academic performance based on their assessment grades and online activity data," *Int. J. Adv. Comput. Sci. Appl.*, vol. 11, no. 4, 2020, doi: 10.14569/IJACSA.2020.0110425.
- [17] L. P. Macfadyen and S. Dawson, "Mining LMS data to develop an 'early warning system' for educators: A proof of concept," *Comput. Educ.*, vol. 54, no. 2, pp. 588–599, 2010, doi: 10.1016/j.compedu.2009.09.008.
- [18] Hoppe, Thomas. (2018). Retrieved from: <https://www.researchgate.net/post/Is-there-a-guide-to-know-if-the-predictive-accuracy-and-precision-threshold-is-good-bad/5ad75eb896b7e43d05440e6e/citation/download>.