

Daftar Pustaka

- [1] R. Andreswari I. A. Fitriansah and M. A. Hasibuan. Analisis dan implementasi process mining pada aktivitas mahasiswa berdasarkan event log penggunaan aplikasi bimbingan tugas akhir. 2019.
- [2] M. Y. Chkouri M. Ouadoud, A Nejjari and K. E. El-Kadiri. Learning management system and the underlying learning theories. *Lect. Notes Networks Syst.*, 37:732–744, 2018.
- [3] Zhao, YanPing & Zhou, XiaoLai. (2021). K-means Clustering Algorithm and Its Improvement Research. *Journal of Physics: Conference Series*. 1873. 012074. 10.1088/1742-6596/1873/1/012074.
- [4] Pradana, Chesa & Kusumawardani, Sri & Permanasari, A. (2020). Comparison Clustering Performance Based on Moodle Log Mining. *IOP Conference Series: Materials Science and Engineering*. 722. 012012. 10.1088/1757-899X/722/1/012012.
- [5] Singh, Satya. (2021). Study of K-Means and Enhanced K-Means Clustering Algorithm.. *International Journal of Research in Computer Science*. Vol. 4 Issue 10. p103-107. 5p.
- [6] S. Chanifah, R. Andreswari and R. Fauzi, "Analysis of Student Learning Pattern in Learning Management System (LMS) using Heuristic Mining a Process Mining Approach," 2021 3rd International Conference on Electronics Representation and Algorithm (ICERA), Yogyakarta, Indonesia, 2021, pp. 121-125, doi: 10.1109/ICERA53111.2021.9538654..
- [7] Agusriandi, Agusriandi & Elihami, Elihami & Syarif, Irman & Samad, Ita. (2022). Model Analisis Aktivitas Tutor Dalam Learning Management System Berdasarkan Data Log Menggunakan K-Means Dan Deteksi Outlier. *Jurnal Teknologi Informasi dan Ilmu Komputer*. 9. 709. 10.25126/jtiik.2022934764.
- [8] Nicholson C, Beattie L, Beattie M, Razzaghi T, Chen S (2022) A machine learning and clustering-based approach for county-level COVID-19 analysis. *PLOS ONE* 17(4): e0267558.
- [9] Valensia, Larasati & Andreswari, Rachmadita & Fauzi, Rokhman. (2021). Implementation of Process Mining to Discover Student Learning Patterns using Fuzzy Miner Algorithm (Case Study: Learning Management System (LMS) Telkom University). 126-131. 10.1109/ICERA53111.2021.9538789.
- [10] De Cnudde, Sofie & Claes, Jan & Poels, Geert. (2014). Improving the quality of the Heuristics Miner in ProM 6.2. *Expert Systems with Applications*. 41. 10.1016/j.eswa.2014.05.055.
- [11] Dongen, Boudewijn & Medeiros, Ana & Verbeek, H. & Weijters, A. & Aalst, Wil. (2005). The ProM Framework: A New Era in Process Mining Tool Support. *Lecture Notes in Computer Science*. 3536. 444-454. 10.1007/11494744_25
- [12] Sarasvananda, Ida Bagus Gede, Retantyo Wardoyo, and Anny Kartika Sari. "The k-means clustering algorithm with semantic similarity to estimate the cost of hospitalization." *IJCCS (Indonesian Journal of Computing and Cybernetics Systems)* 13.4 (2019): 313-322.
- [13] J. Carmona, B. v. Dongen, A. Solti dan M. Weidlich, "'Relating Processes and Models" dalam *Conformance Checking*, Springer," vol. XIV, no. 270, 2018.
- [14] Atif M, Leisch F (2022) clusTransition: An R package for monitoring transition in cluster solutions of temporal datasets. *PLOS ONE* 17(12): e0278146.
- [15] Libor Juhaňák, Jiří Zounek, Lucie Rohlíková, Using process mining to analyze students' quiz-taking behavior patterns in a learning management system, *Computers in Human Behavior*, Volume 92, 2019, Pages 496-506, ISSN 0747-5632, <https://doi.org/10.1016/j.chb.2017.12.015>.
- [16] Yutika Amelia Effendi, Fitri Retrialisca, Nania Nuzulita (2019). Conformance Checking to Evaluate Business Process Models using Modified Time-based Heuristics Miner Algorithm. 2019 IEEE Conference on Sustainable Utilization and Development in Engineering and Technologies (CSUDET)
- [17] Umargono, Edy, Jatmiko Endro Suseno, and SK Vincensius Gunawan. "K-means clustering optimization using the elbow method and early centroid determination based on mean and median formula." *The 2nd International Seminar on Science and Technology (ISSTEC 2019)*. Atlantis Press, 2020.