

DAFTAR PUSTAKA

- Aalst, W. van der, 2016, *Process mining: Data science in action*, [Online]. tersedia di DOI:10.1007/978-3-662-49851-4.
- Aalst, W. Van der, Adriansyah, A. dan Van Dongen, B., 2012, Replaying history on process models for conformance checking and performance analysis, *Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery*, [Online] 2 (2), 182–192, tersedia di DOI:10.1002/widm.1045.
- Aalst, W.M.P. van der dan Carmona, J., 2022, *Process Mining Handbook*, [Online]. tersedia di DOI:10.1007/978-3-031-08848-3.
- Abduh, M., 2019, *Panduan Penilaian Kinerja (Performance Assessment)*.
- Adeyemo, S., 2010, *Students ' Ability Level and Their Competence in Problem-Solving Task in Physics*, 1 (December), 35–47,
- Agustianto, K., Permanasari, A.E., Kusumawardani, S.S. dan Hidayah, I., 2016, Design adaptive learning system using metacognitive strategy path for learning in classroom and intelligent tutoring systems, *AIP Conference Proceedings*, [Online] 1755 (July), tersedia di DOI:10.1063/1.4958507.
- Aiken, L.R., 1985, Three Coefficients For Analyzing The Reliability And Validity Of Ratings, *Educational and Psychological Measurement*, 45131–141,
- Akademik, T.P.N., 2020, *Naskah Akademik Kurikulum 2020 Prodi Teknologi Informasi*, UIN Walisongo Semarang, Semarang.
- Al-Shabandar, R., Hussain, A.J., Liatsis, P. dan Keight, R., 2019, Detecting At-Risk Students With Early Interventions Using Machine Learning Techniques, *IEEE Access*, [Online] 7149464–149478, tersedia di DOI:10.1109/ACCESS.2019.2943351.
- Amelia, N., Abdullah, A.G. dan Mulyadi, Y., 2019, Meta-analysis of student performance assessment using fuzzy logic, *Indonesian Journal of Science and Technology*, [Online] 4 (1), 74–88, tersedia di DOI:10.17509/ijost.v4i1.15804.
- Ana, A., Yulia, C., Jubaedah, Y., Muktiarni, M., Dwiyanti, V. dan Maosul, A., 2020, Assessment of student competence using electronic rubric, *Journal of Engineering Science and Technology*, 15 (6), 3559–3570,
- Andayani, S., Hartati, S., Wardoyo, R. dan Mardapi, D., 2017a, Decision-making model for student assessment by unifying numerical and linguistic data, *International Journal of Electrical and Computer Engineering*, [Online] 7 (1), 363–373, tersedia di DOI:10.11591/ijece.v7i1.pp363-373.
- Andayani, S., Hartati, S., Wardoyo, R. dan Mardapi, D., 2017b, Model ALiDT for decision-making system based on fuzzy multiple criteria decision-making to determine the students' learning profile, *Tesis*, Universitas Gadjah Mada, Yogyakarta.
- Arieska, D.I. dan Puspongoro, N.H., 2016, Pendugaan Standard Error dan Confidence Interval Koefisien Gini Dengan Metode Bootstrap: Terapan pada Data Susenas Provinsi Papua Barat Tahun 2013, *Aplikasi Statistika & Komputasi Statistik*, 8 (2), 57–66.

- Arikunto, S., 2012, *Prosedur Penelitian*, Edisi Revi, PT. Rineka Cipta, Jakarta.
- Azimjonov, J., 2016, Evaluation of Distance Learning Students performance Using Fuzzy Logic, *YÖNETİM BİLİŞİM SİSTEMLERİ DERGİSİ*, [Online] Cilt:1, Sa, tersedia di <http://dergipark.ulakbim.gov.tr/ybs/%0AYayın>.
- Azizah, E.N., Pujiyanto, U., Nugraha, E. dan Darusalam, 2018, Comparative performance between C4.5 and Naive Bayes classifiers in predicting student academic performance in a Virtual Learning Environment, *2018 4th International Conference on Education and Technology (ICET)*, [Online] (1), 18–22, tersedia di DOI:10.1109/ICEAT.2018.8693928.
- Azwar, S., 2012, *Validitas dan Reliabilitas*, IV, Pustaka Pelajar, Yogyakarta.
- Badan Pengembangan dan Pembinaan Bahasa, 2016, KBBI Daring, [Online], tersedia di <https://kbbi.kemdikbud.go.id/entri/asesmen>.
- Belmawa, D., 2016, *Panduan Penyusunan Kurikulum Pendidikan Tinggi*.
- Bezhovski, Z. dan Poorani, S., 2016, *The Evolution of E-Learning and New Trends*, [Online] 6 (3), tersedia di www.iiste.org.
- Bogarín, A., Cerezo, R. dan Romero, C., 2018, Discovering learning processes using inductive miner: A case study with learning management systems (LMSs), *Psicothema*, [Online] 30 (3), 322–329, tersedia di DOI:10.7334/psicothema2018.116.
- Brooke, J., 2013, SUS : A Retrospective, *Journal of Usability Studies*, 8 (2),
- Brookhart, S.M., 2018, Appropriate Criteria: Key to Effective Rubrics, *Frontiers in Education*, [Online] 3 (April), tersedia di DOI:10.3389/educ.2018.00022.
- Brumbaugh, M.A. dan Guilford, J.P., 1943, Fundamental Statistics in Psychology and Education., *Journal of the American Statistical Association*, [Online] 38 (222), 266, tersedia di DOI:10.2307/2279562.
- Budiyanto, U., Hartati, S. dan Azhari, 2018, e-Learning Model According to the Learning Style and Ability Level of Students, *Tesis*, Universitas Gadjah Mada.
- Carley, K.M., 1996, Validating computational models. *Working Paper*. [Online]. 0793 (September). tersedia di <http://reports-archive.adm.cs.cmu.edu/anon/anon/home/ftp/usr0/ftp/isr2017/CMU-ISR-17-105.pdf>.
- Cerezo, R., Bogarín, A., Esteban, M. dan Romero, C., 2020, Process mining for self-regulated learning assessment in e-learning, *Journal of Computing in Higher Education*, [Online] 32 (1), 74–88, tersedia di DOI:10.1007/s12528-019-09225-y.
- Cerezo, R., Esteban, M., Sánchez-Santillán, M. dan Núñez, J.C., 2017, Procrastinating behavior in computer-based learning environments to predict performance: A case study in Moodle, *Frontiers in Psychology*, [Online] 8 (AUG), tersedia di DOI:10.3389/fpsyg.2017.01403.
- Dalrymple, O., Bansal, S., Elamparithi, K., Gafoor, H., Lay, A. dan Shetty, S., 2013, Instructional Module Development (IMODTM) system: Building faculty expertise in outcome-based course design, *Proceedings - Frontiers in Education Conference, FIE*, [Online] 889–891, tersedia di DOI:10.1109/FIE.2013.6684952.
- Department of Education and Science and The Welsh Office, 1988, National Curriculum Task Group on Assessment and Testing - A Report, *Assessment*,

- Esteban, F.D. de la P., Lara Torralbo, J.A., Lizcano Casas, D. dan Burgos García, M.C., 2020, Web gamification with problem simulators for teaching engineering, *Journal of Computing in Higher Education*, [Online] 32 (1), 135–161, tersedia di DOI:10.1007/s12528-019-09221-2.
- Farhan, M., Jabbar, S., Aslam, M., Ahmad, A., Iqbal, M.M., Khan, M. dan Maria, M.E.A., 2018, A Real-Time Data Mining Approach for Interaction Analytics Assessment: IoT Based Student Interaction Framework, *International Journal of Parallel Programming*, [Online] 46 (5), 886–903, tersedia di DOI:10.1007/s10766-017-0553-7.
- Fluxicon, 2022, Process Mining Book, [Online], tersedia di <https://fluxicon.com/book/read/dataext/#introduction-eventlogs>.
- Fnukal, K., 2021, *Implementation of advanced process mining algorithms in .NET*.
- Ghatasheh, N., 2015, Knowledge Level Assessment in e-Learning Systems Using Machine Learning and User Activity Analysis, *International Journal of Advanced Computer Science and Applications*, [Online] 6 (4), tersedia di DOI:10.14569/ijacsa.2015.060415.
- Griffin N.L. dan Lewis, F.D., 1989, *Rule-based inference engine which is optimal and VLSI implementable*, [Online] 246–251, tersedia di DOI:10.1109/tai.1989.65327
- Grigorova, K., Malysheva, E. dan Bobrovskiy, S., 2017, Application of Data Mining and Process Mining approaches for improving e-Learning Processes, *CEUR Workshop Proceedings*, [Online] 1903115–121, tersedia di DOI:10.18287/1613-0073-2017-1903-115-121.
- Grosan, C. dan Abraham, A., 2011, *Rule-Based Expert Systems*, [Online]. tersedia di DOI:10.1007/978-3-642-21004-4_7.
- Gupta, E., 2014, Process mining algorithms, *International Journal of Advance Research In Science and Engineering*, 3 (11),
- Haiyang, L., Wang, Z., Benachour, P. dan Tubman, P., 2018, A time series classification method for behaviour-based dropout prediction, *Proceedings - IEEE 18th International Conference on Advanced Learning Technologies, ICALT 2018*, [Online] 191–195, tersedia di DOI:10.1109/ICALT.2018.00052.
- Hajje, F., Hlaoui, Y.B. dan Ayed, L.J. Ben, 2016, A generic E-assessment process development based on reverse engineering and cloud services, *Proceedings - 2016 IEEE 29th Conference on Software Engineering Education and Training, CSEEandT 2016*, [Online], 19 Mei 2016 Institute of Electrical and Electronics Engineers Inc., hal. 157–165, tersedia di DOI:10.1109/CSEET.2016.49.
- Harvill, L.M., 1991, Standart Error of Measurement: AN NCME Instructional Module, *Educational Measurement Issues and Practice, Wiley Online Library*, [Online] 10 (2), tersedia di DOI:doi:10.1111/j.1745-3992.1991.tb00195.x.
- Herath, D. dan Jayarathne, L., 2018, An Architecture for a Personalized Learning Recommendation on Knowledge Levels of Learner, *International Journal of Scientific & Engineering Research (IJSER)*, [Online] 9 (6), tersedia di <https://www.ijser.org/onlineResearchPaperViewer.aspx?An-Architecture->

for-a-Personalized-Learning-Recommendation-on-Knowledge-Level-of-Learner.pdf.

- Herrera, F. dan Herrera-Viedma, E., 2000, Linguistic decision analysis: Steps for solving decision problems under linguistic information, *Fuzzy Sets and Systems*, [Online] 115 (1), 67–82, tersedia di DOI:10.1016/S0165-0114(99)00024-X.
- Herrera, F. dan Martinez, L., 2000a, A 2-Tuple Linguistic Representation Model for Computing with Words, *IEEE Transactions on Fuzzy Systems Vol 8, No 6*, 4 (2), 202–205,
- Herrera, F. dan Martinez, L., 2000b, An approach for combining linguistic and numerical information based on the 2-tuple fuzzy linguistic representation model in decision-making, *International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems*, [Online] 8 (5), 539–562, tersedia di DOI:10.1142/S0218488500000381.
- Hidayat, N., Wardoyo, R., Azhari, dan 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*, [Online] 11 (3), 638–648, tersedia di DOI:10.14569/ijacsa.2020.0110380.
- Hussain, M., Zhu, W., Zhang, W. dan Abidi, S.M.R., 2018, Student Engagement Predictions in an e-Learning System and Their Impact on Student Course Assessment Scores, *Computational Intelligence and Neuroscience*, [Online] 2018, tersedia di DOI:10.1155/2018/6347186.
- Ibáñez, J.C., Saiz, M.S.I. dan Gómez, G.R., 2014, A proposal for skill evaluation via complex tasks in virtual learning environments, *Second International Conference on Technological Ecosystem for Enhancing Multiculturality*, [Online], 2014.
- iEduNote, 2024, Ability in Organizational Behavior: Types of Ability (Explained), [Online], tersedia di <https://www.iedunote.com/ability>.
- Ionita, I., 2016, Data mining technique for e-learning, *Journal of Applied Computer Science & Mathematics*, [Online] 10 (2), 26–31, tersedia di DOI:10.4316/jacsm.201602004.
- Jensen, D.I. dan Puspongoro, N.H., 2016, Pendugaan Standard Error dan Confidence Interval Koefisien Gini Dengan Metode Bootstrap: Terapan pada Data Susenas Provinsi Papua Barat Tahun 2013, *Aplikasi Statistika & Komputasi Statistik*, 8 (2), 57–66.
- Jokonowo, B., Sarno, R., Rochimah, S. dan Priambodo, B., 2019, Process mining: Measuring key performance indicator container dwell time, *Indonesian Journal of Electrical Engineering and Computer Science*, [Online] 16 (1), 401–411, tersedia di DOI:10.11591/ijeecs.v16.i1.pp401-411.
- Jokonowo, B., Siti Fatonah, N. dan Akhir, E.A.P., 2021, Conformance Checking of Dwelling Time Using a Token-based Method, *Journal of Information Systems Engineering and Business Intelligence*, [Online] 7 (2), 129, tersedia di DOI:10.20473/jisebi.7.2.129-137.
- Kemendikbud, D.J.P.T., 2020, *Panduan Penyusunan Kurikulum Pendidikan Tinggi di Era Industri 4.0 untuk Mendukung Merdeka Belajar-Kampus Merdeka*,

- Kemendikbud, Jakarta.
- Kemendikbudristek, 2022, *Panduan Pembelajaran dan Asesmen Anak Usia Dini, Pendidikan Dasar, dan Menengah*.
- Kemenristekdikti, 2015, *Paradigma Capaian Pembelajaran, Direktorat Jendral Pembelajaran dan Kemahasiswaan Kementerian Riset, Teknologi, dan Pendidikan Tinggi Republik Indonesia*, 1–10,
- Klifartha, N., 2008, *Perancangan Ulang Assessment Module pada Sistem e-Learning I-Elisa*.
- Klir, G.J. dan Yuan, B., 1996, *Fuzzy sets and fuzzy logic: Theory and applications*, [Online]. tersedia di DOI:10.1016/s0160-9327(96)90083-6.
- Lam, T.Y. dan Dongol, B., 2020, A blockchain-enabled e-learning platform, *Interactive Learning Environments*, [Online] 0 (0), 1–23, tersedia di DOI:10.1080/10494820.2020.1716022.
- Lara, J.A., Aljawarneh, S. dan Pamplona, S., 2019, Special Issue on The Current Trends in E-learning Assessment, *Journal of Computing in Higher Education*, [Online] 32, 1–8, tersedia di DOI:<https://doi.org/10.1007/s12528-019-09235-w>.
- Lizcano, D., Lara, J.A., White, B. dan Aljawarneh, S., 2020, Blockchain-based approach to create a model of trust in open and ubiquitous higher education, *Journal of Computing in Higher Education*, [Online] 32 (1), 109–134, tersedia di DOI:10.1007/s12528-019-09209-y.
- Lubis, M.A., 2019, Pengembangan Instrumen Need Assessment Topik Layanan Bimbingan Klasikal Bidang Bimbingan dan Konseling Pribadi Pada Siswa di SMP Negeri 1 Yogyakarta, *Tesis*, Universitas Negeri Yogyakarta., [Online]. tersedia di <https://eprints.uny.ac.id/68207/>.
- Mardapi, D., 2018, *Pengukuran, Penilaian dan Evaluasi Pendidikan*, 2 edisi, Nuha Litera, Yogyakarta.
- Margareta, R., 2015, Pembuatan Model Dan Analisis Kinerja Proses Pengadaan Spareparts PT XYZ Menggunakan Algoritma Heuristic Miner, *Tesis*, Institut Teknologi Surabaya., [Online]. tersedia di <http://repository.its.ac.id/71183/>.
- Moore, J.L., Dickson-Deane, C. dan Galyen, K., 2011, e-Learning, online learning, and distance learning environments: Are they the same?, *Internet and Higher Education*, [Online] 14 (2), 129–135, tersedia di DOI:10.1016/j.iheduc.2010.10.001.
- Muktiarni, 2019, E-Rubric Berbasis Android untuk Mengukur Kompetensi Food Service Pendidikan Vokasional, *Tesis*, Universitas Pendidikan Indonesia.
- Nouira, A., Cheniti-Belcadhi, L. dan Braham, R., 2018, An Enhanced xAPI Data Model Supporting Assessment Analytics, *Procedia Computer Science*, [Online] 126566–575, tersedia di DOI:10.1016/j.procs.2018.07.291.
- Novak V. dan Nekola, J., 1984, Basic Operations With Fuzzy Sets From the Point of Fuzzy Logic., *IFAC Proceedings Series*, [Online] 249–253, tersedia di DOI:10.1016/s1474-6670(17)62041-x.
- Nurkancana, W., 1986, *Evaluasi Pendidikan*, Usaha Nasional, Surabaya.
- Okubo, F., Shimada, A., Yamashita, T. dan Ogata, H., 2017, A neural network approach for students' performance prediction, *ACM International Conference Proceeding Series*, [Online] (February 2018), 598–599, tersedia di DOI:10.1145/3027385.3029479.

- Olivé, D.M., Huynh, D.Q., Reynolds, M., Dougiamas, M. dan Wiese, D., 2020, A supervised learning framework: using assessment to identify students at risk of dropping out of a MOOC, *Journal of Computing in Higher Education*, [Online] 32 (1), 9–26, tersedia di DOI:10.1007/s12528-019-09230-1.
- Park, G., Adams, J.N. dan van der Aalst, W.M.P., 2022, OPerA: Object-Centric Performance Analysis, *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, [Online] 13607 LNCS281–292, tersedia di DOI:10.1007/978-3-031-17995-2_20.
- PIKA UGM, P.U., 2018, Outcome Based Education (OBE), [Online], tersedia di <http://pika.ugm.ac.id/id/2018/03/14/newsletter-pika-edisi-maret-2018/pm4js>,
- pm4js, 2020, Process Mining for Javascript (PM4JS) - Documentation, [Online], tersedia di <https://www.pm4js.org/docs.html>.
- pm4py, 2023, Process Discovery, [Online], tersedia di <https://pm4py.fit.fraunhofer.de/documentation#discovery>.
- Pusparini, M.D., 2020, Pembelajaran Daring Berbasis Outcome Based Education (OBE) Dengan Molta, *Refleksi Pembelajaran Inovatif*, [Online] 2 (2), 336–357, tersedia di <http://jurnal.uui.ac.id/RPI>.
- Qadir, J., Shafi, A., Al-Fuqaha, A., Taha, A.E.M., Yau, K.L.A., Ponciano, J., Hussain, S., Ali Imran, M., Muhammad, S.S., Rais, R.N. Bin, Rashid, M. dan Tan, B.L., 2020, Outcome-Based Engineering Education: A Global Report of International OBE Accreditation and Assessment Practices, *American Society for Engineering Education*, 127th ASEE (April), 1–35,
- Rahmawati, D., 2016, Aplikasi Pendeteksi Fraud pada Event Log Proses Bisnis Pengadaan Barang dan Jasa Menggunakan Algoritma Heuristic Miner, *Tesis*.
- Retnawati, H., 2017, Reliabilitas Instrumen Penelitian. *Workshop Teknik Analisis Data Fakultas Ekonomi dan Bisnis IAIN Batusangkar*.
- Riduwan dan Engkos, A.K., 2007, *Cara Menggunakan dan Memakai Analisis Jalur (Path Analysis)*, Alfabeta, Bandung.
- Riz, G., Santos, E.A. dan Loures, E.F., 2017, Interoperability Assessment in Health Systems Based on Process Mining and MCDA Methods, *Advances in Intelligent Systems and Computing*, [Online] 569257–266, tersedia di DOI:10.1007/978-3-319-56535-4.
- Ruseffendi, 2005, *Dasar-dasar Penelitian Pendidikan dan Bidang Non Eksakta Lainnya*, Tarsito, Bandung.
- RWTH, A.U., 2022, Performance Analysis, [Online], tersedia di <https://www.processmining.org/performance.html>.
- Salim, M.P., 2022, Kompetensi adalah tingkat kemampuan, [Online], tersedia di <https://www.liputan6.com/hot/read/5016723/kompetensi-adalah-tingkat-kemampuan-ketahui-artinya-di-berbagai-konteks>.
- Sanger, C.S. dan Gleason, N.W., 2020, *Diversity and Inclusion in Global Higher Education*, [Online]. tersedia di DOI:10.1007/978-981-15-1628-3_5.
- Scalise, K. dan Gifford, B., 2006, Computer-based assessment in E-learning: A framework for constructing “intermediate constraint” questions and tasks for technology platforms, *Journal of Technology, Learning, and Assessment*, 4 (6), 3–44,

- Scriven, M., 1967, The methodology of evaluation. *Social Science Education Consortium*.
- Sheridan, H., 2021, Rubric, [Online], tersedia di <https://utacrtle.org/assessment/rubrics/>.
- Sholikhah, L.D., Sugiharto, D. dan Tadjri, I., 2017, Model Konseling Kelompok dengan Teknik Penguatan Positif untuk Mereduksi Prokrastinasi Akademik Siswa, *Jurnal Bimbingan Konseling*, 6 (1), 62–67,
- Sluijsmans, D.M.A., Prins, F.J. dan Martens, R.L., 2006, The design of competency-based performance assessment in e-learning, *Learning Environments Research*, [Online] 9 (1), 45–66, tersedia di DOI:10.1007/s10984-005-9003-3.
- Stone, M.K., 1985, Ralph W. Tyler's principles of curriculum, instruction and evaluation: Past influences and present effects, *Dissertations*, [Online] 2382, tersedia di https://ecommons.luc.edu/luc_diss/2382?utm_source=ecommons.luc.edu%2FLuc_diss%2F2382&utm_medium=PDF&utm_campaign=PDFCoverPages.
- Sudaryono, Rahardja, U. dan Masaeni, 2020, Decision Support System for Ranking of Students in Learning Management System (LMS) Activities using Analytical Hierarchy Process (AHP) Method, *Journal of Physics: Conference Series*, [Online] 1477 (2), 1–7, tersedia di DOI:10.1088/1742-6596/1477/2/022022.
- Sugiyono, 2012, *Metode Penelitian Kuantitatif Kualitatif dan R&D*, Alfabeta, Bandung.
- Suyanto, 2018, Membuat Rekomendasi yang Efektif dengan Double Smarts, [Online], tersedia di https://bansm.kemdikbud.go.id/artikel_/read/19.
- Tuparov, G., Keremedchiev, D., Tuparova, D. dan Stoyanova, M., 2018, Gamification and educational computer games in open source learning management systems as a part of assessment, *2018 17th International Conference on Information Technology Based Higher Education and Training, ITHET 2018*, [Online], 2018 hal. tersedia di DOI:10.1109/ITHET.2018.8424768.
- Umer, R., Susnjak, T., Mathrani, A. dan Suriadi, S., 2017, On predicting academic performance with process mining in learning analytics, *Journal of Research in Innovative Teaching & Learning*, [Online] 10 (2), 160–176, tersedia di DOI:10.1108/jrit-09-2017-0022.
- Utami, S.N. dan Gischa, S., 2021, Anecdotal Record: Definisi, Fungsi, Tujuan dan Manfaat, [Online], tersedia di <https://www.kompas.com/skola/read/2021/07/06/115439569/anecdotal-record-definisi-fungsi-tujuan-dan-manfaatnya>.
- Verma, S.K., Thakur, R.S. dan Jaloree, S., 2017, Fuzzy association rule mining based model to predict students' performance, *International Journal of Electrical and Computer Engineering*, [Online] 7 (4), 2223–2231, tersedia di DOI:10.11591/ijece.v7i4.pp2223-2231.
- Waheed, H., Hassan, S.U., Aljohani, N.R., Hardman, J., Alelyani, S. dan Nawaz, R., 2020, Predicting academic performance of students from VLE big data using deep learning models, *Computers in Human Behavior*, [Online] 104,

tersedia di DOI:10.1016/j.chb.2019.106189.

Wang, L.-X., 1997, *A Course in Fuzzy Systems and Control*.

Wang, X., Gulenman, T., Pinkwart, N., De Witt, C., Gloerfeld, C. dan Wrede, S., 2020, Automatic assessment of student homework and personalized recommendation, *Proceedings - IEEE 20th International Conference on Advanced Learning Technologies, ICALT 2020*, [Online] 150–154, tersedia di DOI:10.1109/ICALT49669.2020.00051.

Wardoyo, R. dan Yuniarti, W.D., 2020, Analysis of Fuzzy Logic Modification for Student Assessment in e-Learning, *IJID (International Journal on Informatics for Development)*, [Online] 9 (1), 29, tersedia di DOI:10.14421/ijid.2020.09105.

Weijters, A.J.M.M., van der Aalst, W.M.P. dan de Medeiros, A.K.A., 2006, Process Mining with the HeuristicsMiner Algorithm, *Beta working papers*, (January 2006),

Wibisono, M.W., Kurniati, A.P. dan Wisudiawan, G.A.A., 2022, Process Mining using Inductive Miner Algorithm to Determine the actual Business Process Model, *JURIKOM (Jurnal Riset Komputer)*, [Online] 9 (4), 1128, tersedia di DOI:10.30865/jurikom.v9i4.4769.

Widhiarso, W., 2011, *Error Pengukuran*, Universitas Gadjah Mada, tersedia secara online di <https://widhiarso.staff.ugm.ac.id/files/Error%20Pengukuran.pdf>

Widhiarso, W., 2014, Pengategorian data dengan menggunakan statistik hipotetik dan statistik empirik, *Fakultas Psikologi . Universitas Gajah Mada.*, [Online] 1–3, tersedia di <http://widhiarso.staff.ugm.ac.id/wp/wp-content/uploads/Widhiarso-Pengategorian-Data-dengan-Menggunakan-Statistik-Hipotetik-dan-Statistik-Empirik.pdf>.

Widoyoko, S.E.P., 2017, *Evaluasi Program Pembelajaran*, IX, Pustaka Pelajar, Yogyakarta.

Yang, F. dan Li, F.W.B., 2018, Study on student performance estimation, student progress analysis, and student potential prediction based on data mining, *Computers and Education*, [Online] 123 (April), 97–108, tersedia di DOI:10.1016/j.compedu.2018.04.006.

Yuniarti, W.D., Hartati, S. dan Priyanta, S., 2023, *DATA UNIFICATION UTILIZING E-RUBRIC FOR LEARNER*, [Online] 17 (8), 927–935, tersedia di DOI:10.24507/icicel.17.08.927.