

DAFTAR PUSTAKA

- [1] E. Adamakis, G. Margetis, S. Ntoa, and C. Stephanidis, “A methodological approach towards human-centered visual analytics,” *Visual Informatics*, p. 100269, Aug. 2025, doi: 10.1016/j.visinf.2025.100269.
- [2] A. H. M. Nasir, E. S. M. Surin, and M. N. Ahmad, “Towards Unified Information Dashboard Design - Common Principles, Practices, and Challenges,” in *Procedia Computer Science*, Elsevier B.V., 2024, pp. 1586–1592. doi: 10.1016/j.procs.2024.03.161.
- [3] A. Lavalle, A. Maté, M. Y. Santos, P. Guimarães, J. Trujillo, and A. Santos, “A methodology for the systematic design of storytelling dashboards applied to Industry 4.0,” *Data Knowl Eng*, vol. 156, Mar. 2025, doi: 10.1016/j.datak.2025.102410.
- [4] N. Tylosky, A. Knutas, and A. Wolff, “Design practices in visualization driven data exploration for non-expert audiences,” May 01, 2025, *Elsevier Ireland Ltd*. doi: 10.1016/j.cosrev.2025.100731.
- [5] P. Soni, C. de Runz, F. Bouali, and G. Venturini, “A survey on automatic dashboard recommendation systems,” *Visual Informatics*, vol. 8, no. 1, pp. 67–79, Mar. 2024, doi: 10.1016/j.visinf.2024.01.002.
- [6] S. Yousuf Zai *et al.*, “AI-DRIVEN EXAM RESULTS DASHBOARDS: TRANSFORMING EDUCATIONAL DECISION-MAKING IN PAKISTAN,” 2025.
- [7] T. Zhang, J. Ding, Z. Liu, and W. Zhang, “Visualization of Industrial Big Data: State-of-the-Art and Future Perspectives,” 2025, *Elsevier Ltd*. doi: 10.1016/j.eng.2025.08.014.
- [8] K. Chytas, A. Tsolakidis, E. Triperina, N. N. Karanikolas, and C. Skourlas, “Academic data derived from a university e-government analytic platform: An educational data mining approach,” *Data Brief*, vol. 49, Aug. 2023, doi: 10.1016/j.dib.2023.109357.
- [9] M. B. Caday, G. A. Dalaorao, and C. C. Abalorio, “Academic Performance Analysis of Diploma Students Using Predictive Analytics,” in *Procedia Computer Science*, Elsevier B.V., 2025, pp. 913–920. doi: 10.1016/j.procs.2025.03.117.
- [10] S. N. Thakur and B. Rawat, “Prediction of Student Performance in E-Learning Environment using Machine Learning Techniques,” in *Procedia Computer Science*, Elsevier B.V., 2025, pp. 1416–1425. doi: 10.1016/j.procs.2025.04.096.

- [11] L. Ji, Z. Wang, S. Qiu, G. Yang, and S. Zhang, "Visual analysis of multi-subject association patterns in high-dimensional time-varying student performance data," *Visual Informatics*, vol. 9, no. 2, Jun. 2025, doi: 10.1016/j.visinf.2025.100237.
- [12] A. Freccero, M. Onwunle, J. Elliott, N. Podder, J. Purrinos De Oliveira, and L. H. Dewa, "Students' Perceptions of Learning Analytics for Mental Health Support: Qualitative Study," *JMIR Form Res*, vol. 9, 2025, doi: 10.2196/70327.
- [13] L. Yan *et al.*, "The effects of generative AI agents and scaffolding on enhancing students' comprehension of visual learning analytics," *Comput Educ*, vol. 234, Sep. 2025, doi: 10.1016/j.compedu.2025.105322.
- [14] X. Kui, N. Liu, Q. Liu, J. Liu, X. Zeng, and C. Zhang, "A survey of visual analytics techniques for online education," Dec. 01, 2022, *Elsevier B.V.* doi: 10.1016/j.visinf.2022.07.004.
- [15] S. Rekers, T. C. Meyer, and C. Finke, "Psychometric data and regression-based norms for the virtual environments navigation assessment for young and middle-aged adults (VIENNA Young)," *Computers in Human Behavior Reports*, vol. 19, Aug. 2025, doi: 10.1016/j.chbr.2025.100730.
- [16] A. Pienimaa, K. Talman, J. Vierula, E. Laakkonen, and E. Haavisto, "Development and psychometric evaluation of the Emotional Intelligence Test (EMI-T) for social care and healthcare student selection," *J Adv Nurs*, vol. 79, no. 2, pp. 850–863, Feb. 2023, doi: 10.1111/jan.15557.
- [17] A. H. Herut, H. D. Muleta, and M. F. Lebeta, "Emotional intelligence as a predictor for academic achievement of children: Evidence from primary schools of southern Ethiopia," *Social Sciences and Humanities Open*, vol. 9, Jan. 2024, doi: 10.1016/j.ssaho.2023.100779.
- [18] A. Quílez-Robres, P. Usán, R. Lozano-Blasco, and C. Salavera, "Emotional intelligence and academic performance: A systematic review and meta-analysis," *Think Skills Creat*, vol. 49, Sep. 2023, doi: 10.1016/j.tsc.2023.101355.
- [19] J. D. Mayer, D. R. Caruso, G. Sitarenios, and M. R. Escobar, "How many emotional intelligence abilities are there? An examination of four measures of emotional intelligence," *Pers Individ Dif*, vol. 219, Mar. 2024, doi: 10.1016/j.paid.2023.112468.
- [20] L. Treglown and A. Furnham, "Are EQ and IQ Negatively Related? The Relationship between Trait Emotional Intelligence and Fluid Cognitive Ability," *Psychology*, vol. 14, no. 07, pp. 1136–1151, 2023, doi: 10.4236/psych.2023.147062.

- [21] L. Wang, N. Peng, L. Liu, and S. Wei, "Innovation of Multimodal Learning Paths Based on Learning Behavior and Sentiment Analysis in AI Digital Intelligence Platform," in *Procedia Computer Science*, Elsevier B.V., 2025, pp. 566–573. doi: 10.1016/j.procs.2025.04.246.
- [22] M. Alruwaili, G. Mitchell, and M. Lohan, "Postgraduate healthcare students' experiences of studying abroad: A systematic review," *International Journal of Educational Research Open*, vol. 9, Dec. 2025, doi: 10.1016/j.ijedro.2025.100484.
- [23] B. R. Sari, R. Achwan, and S. Muhidin, "Navigating careers of academic diaspora: The challenges and opportunities for Indonesian scholars in Malaysian universities," *Social Sciences and Humanities Open*, vol. 12, Jan. 2025, doi: 10.1016/j.ssaho.2025.101958.
- [24] M. Iskhakova, D. L. Ott, and A. Bradly, "Exploring language diversity dimensions and differences in meaningful experiences during short-term study abroad (STSA)," *International Journal of Intercultural Relations*, vol. 108, Sep. 2025, doi: 10.1016/j.ijintrel.2025.102270.
- [25] Y. Harmawati, Sapriya, A. Abdulkarim, P. Bestari, and B. I. Sari, "Data of digital literacy level measurement of Indonesian students: Based on the components of ability to use media, advanced use of digital media, managing digital learning platforms, and ethics and safety in the use of digital media," *Data Brief*, vol. 54, Jun. 2024, doi: 10.1016/j.dib.2024.110397.
- [26] B. Matthews, "Artificial worlds and artificial minds: Authenticity and language learning in digital lifeworlds," *Journal of Responsible Technology*, vol. 23, Sep. 2025, doi: 10.1016/j.jrt.2025.100131.
- [27] A. Dou, W. Xu, X. Li, S. Zhang, and J. Zhang, "Artificial Intelligence in Language Learning: Bridging Gaps, Revealing Patterns, and Charting the Future," *International Journal of Distance Education Technologies*, vol. 23, no. 1, 2025, doi: 10.4018/IJDET.385045.
- [28] S. Owen and Wella, "Comparative Evaluation of CNN-LSTM Model for Emotion Detection in Indonesian Text," *Journal of Logistics, Informatics and Service Science*, vol. 11, no. 5, pp. 457–470, 2024, doi: 10.33168/JLISS.2024.0526.
- [29] S. Syahrudin, M. S. Saleh, M. Mailizar, M. S. Saleh, A. Habibi, and T. M. Alqahtani, "Responsible AI in Indonesian higher education: A survey in sports education and public health programs," *Social Sciences and Humanities Open*, vol. 11, Jan. 2025, doi: 10.1016/j.ssaho.2025.101445.

- [30] M. Aprilia and W. Wella, "Visualization and Prediction The Number of Patients Visit in Curug Health Center," *G-Tech: Jurnal Teknologi Terapan*, vol. 8, no. 3, pp. 1379–1385, Jul. 2024, doi: 10.33379/gtech.v8i3.4245.
- [31] A. Clemons, "Navigating a house with many rooms: A discipline-based approach to assessing digital scholarship," *Journal of Academic Librarianship*, vol. 51, no. 5, Sep. 2025, doi: 10.1016/j.acalib.2025.103121.
- [32] A. Clemons, "Navigating a house with many rooms: A discipline-based approach to assessing digital scholarship," *Journal of Academic Librarianship*, vol. 51, no. 5, Sep. 2025, doi: 10.1016/j.acalib.2025.103121.
- [33] X. Li, Y. Dong, and Z. Ai, "Path to intelligent evaluation: Utilizing power BI for enhanced performance insights," *Computers and Education Open*, vol. 9, Dec. 2025, doi: 10.1016/j.caeo.2025.100271.
- [34] A. Sorour and A. S. Atkins, "Big data challenge for monitoring quality in higher education institutions using business intelligence dashboards," *Journal of Electronic Science and Technology*, vol. 22, no. 1, Mar. 2024, doi: 10.1016/j.jnlest.2024.100233.

