

DAFTAR PUSTAKA

- Abduldaem, A. (2024). Success factors of business intelligence and dashboards to improve performance in higher education. *Science and Technology Publications, Lda*, 2, 1–229. <https://doi.org/10.5220/0010499503920402>
- Abras, C., Maloney-Krichmar, D., & Preece, J. (2004). User-centered design. In W. S. Bainbridge (Ed.), *Encyclopedia of human-computer interaction* (pp. 1–14). Sage Publications.
- Bhargava, B. M. G., Tara, P. S. K. K., & Rajeswara, R. D. (2018). Analysis and Design of Visualization of Educational Institution Database using Power BI Tool. *Global Journal of Computer Science and Technology*, 18(4), 1–8. <https://doi.org/10.17406/gjst>
- Brooke, J. (1996). SUS: A “Quick and Dirty” Usability Scale. *Usability Evaluation In Industry*, (July), 207–212. <https://doi.org/10.1201/9781498710411-35>
- Dakrory, S. B., Mahmoud, T., & Ali, B. (2015). Automated ETL Testing on the Data Quality of a Data Warehouse. *International Journal of Computer Applications*, 131(16), 9–16. <https://doi.org/10.5120/ijca2015907590>
- Direktorat Pembelajaran dan Kemahasiswaan. (2024). *Pedoman Implementasi Sistem Penjaminan Mutu Internal (SPMI) Bagi Perguruan Tinggi Penyelenggara Pendidikan Akademik* (1st ed.). Direktorat Pembelajaran dan Kemahasiswaan, Direktorat Jenderal Pendidikan Tinggi, Riset, dan Teknologi, Kementerian Pendidikan, Kebudayaan, Riset, dan Teknologi. <https://www.dikti.kemdikbud.go.id/epustaka/pedoman-implementasi-spmi-pta-2024/>
- Few, S. (2006). *Information dashboard design : Displaying Data For AT-A-Glance Monitoring*. O'Reilly.
- Golzar, J., & Tajik, O. (2022). Convenience Sampling in a Scientific Research. *International Journal of Education and Language Studies*, 1(2), 72–77. <https://doi.org/10.22034/ijels.2022.162981>
- Gour, V., Sarangdevot, S. S., Singh Tanwar, G., & Sharma, A. (2010). Improve Performance of Extract, Transform and Load (ETL) in Data Warehouse. *IJCSE) International Journal on Computer Science and Engineering*, 2(3), 786–789.

- Hasibuan, D. P., Santoso, H. B., Yunita, A., & Rahmah, A. (2020). An Indonesian Adaptation of the E-Learning Usability Scale. *Journal of Physics: Conference Series*, 1566(1), 145–148. <https://doi.org/10.1088/1742-6596/1566/1/012051>
- Hjelle, S., Mikalef, P., Altwaijry, N., & Parida, V. (2024). Organizational decision making and analytics: An experimental study on dashboard visualizations. *Information and Management*, 61(6). <https://doi.org/10.1016/j.im.2024.104011>
- Imelda. (2017). Business Intelligence. *Majalah Ilmiah UNIKOM*, 11(1), 111–121.
- ISO 9241-210. (2019). *Ergonomics of human-system interaction — Part 210: Human-centred design for interactive systems*. International Organization for Standardization. <https://standards.iteh.ai/catalog/standards/sist/ec053ca4-2add-4e8c-910c-9664331ee35c/iso-9241-210-2019>
- Kemendiktisaintek. (2025). *Peraturan Terbaru Mengenai Penjaminan Mutu Pendidikan Tinggi*. <https://peraturan.go.id/files/permendiktisaintek-no-39-tahun-2025.pdf>
- Laksitowening, K. A., Fahrudin, T., Insani, R., & Umar, U. (2025). Incorporating Learning Analytics and Business Intelligence into Higher Education E-Learning. *Jurnal Ilmu Komputer Dan Informatika*, 10(2), 127–134. <https://doi.org/10.23917/khif.v10i2.4142>
- Microsoft Learn. (2024). *Jenis visualisasi di Power BI*. <https://learn.microsoft.com/id-id/power-bi/visuals/power-bi-visualization-types-for-reports-and-q-and-a>
- Mihaela, M., GHEORGHE, S., ANA, R. B., TRAIAN, S., & ALEXANDRA, F. (2010). *Performance Dashboards for Universities*. WSEAS Press.
- Multazam, M., Papatungan, I. V., & Suranto, B. (2020). Perancangan User Interface dan User Experience pada Placeplus menggunakan pendekatan User Centered Design. *Universitas Islam Indonesia*, 1, 1–8. <https://journal.uui.ac.id/AUTOMATA/article/view/15528/10233>
- Muslim, I., Rois, M. A. S., Sari, R. P., & Henim, S. R. (2021). Rancang Bangun Sistem Audit Mutu Internal Guna Optimalisasi Kinerja

- Penjaminan Mutu Perguruan Tinggi. *SISTEMASI: Jurnal Sistem Informasi*, 10(2), 490–499. <http://sistemasi.ftik.unisi.ac.id>
- Nugroho, K. T., Julianto, B., & Nur MS, D. F. (2022). Usability Testing pada Sistem Informasi Manajemen AKN Pacitan Menggunakan Metode System Usability Scale. *Jurnal Nasional Pendidikan Teknik Informatika (JANAPATI)*, 11(1), 74. <https://doi.org/10.23887/janapati.v11i1.43209>
- Paygude, P., & Devale, P. R. (2013). Automated Data Validation Testing Tool for Data Migration Quality Assurance. *International Journal of Modern Engineering Research*, 3(1), 599–603.
- Sabrina, S. S. (2024). Visualisasi Data Penyebab Kematian Di Indonesia Rentang Tahun 2000-2022 Dengan Power Bi. *Jurnal Informatika Dan Teknik Elektro Terapan*, 12(2), 948–955. <https://doi.org/10.23960/jitet.v12i2.4071>
- Sapkota, P. (2024). Integrating Business Intelligence Tools Into Curriculum Mapping: Improving Decision-Making in Higher Education. *University of Oulu*, 1–132. <https://urn.fi/URN:NBN:fi:oulu-202412097122>
- Sari, S., Saadah, A. T., Sugiono, D. F., Palunggono, G. D. P., & Hidayatullah, M. F. (2024). Penerapan Metode System Usability Scale (SUS) pada Pengujian UI/UX Website “Ternakku.Id.” *Smart Comp: Jurnalnya Orang Pintar Komputer*, 13(2), 333–340. <https://doi.org/10.30591/smartcomp.v13i2.6275>
- Sorour, A., & Atkins, A. S. (2024). Big data challenge for monitoring quality in higher education institutions using business intelligence dashboards. *Journal of Electronic Science and Technology*, 22(1), 1–14. <https://doi.org/10.1016/j.jnlest.2024.100233>
- Talakola, S. (2022). Leverage Microsoft Power BI reports to generate Insights and integrate with the application. *International Journal of AI, BigData, Computational and Management Studies*, 3(2), 32–41. <https://doi.org/10.63282/3050-9416.IJAIBDCMS-V3I2P104>
- Vercellis, Carlo. (2009). *Business intelligence: data mining and optimization for decision making*. John Wiley & Sons. <https://doi.org/10.1002/9780470753866>
- Wu, Q., Tan, Z., & Liu, J. (2022). Experimental study on the relationship between the harmony and cognitive load of business intelligence dashboard color combinations. *Color Research and Application*, 47(4), 920–941. <https://doi.org/10.1002/col.22768>

Yulianto, A. A. (2019). Extract Transform Load (ETL) Process in Distributed Database Academic Data Warehouse. *APTIKOM Journal on Computer Science and Information Technologies*, 4(2), 61–68. <https://doi.org/10.11591/aptikom.j.csit.36>