

DAFTAR PUSTAKA

- Achmad Fadhli Satriadi, Rahmat Mulyana, R. F. (2023). AGILE IT SERVICE MANAGEMENT DESIGN OF FINTECHCO DIGITALIZATION BASED ON COBIT 2019 DEVOPS FOCUS AREA. *Jurnal Teknik Informatika (Jutif)*, 4(5), 1165–1177.
<https://doi.org/https://doi.org/10.52436/1.jutif.2023.4.5.1304>
- Al-haimi, B., Khalid, H., Zakaria, N. H., & Jasimin, T. H. (2025). Digital transformation in the real estate industry: A systematic literature review of current technologies, benefits, and challenges. *International Journal of Information Management Data Insights*, 5(1), 100340.
<https://doi.org/10.1016/j.jjimei.2025.100340>
- Andika, D., Mulyana, R., & Ramadhan, L. (2024). *IT Governance Design Based on COBIT 2019 SME Focus Area for UMKM BPRBCo Digital Transformation*. 6(1), 205–218. <https://doi.org/10.47065/josh.v6i1.5905>
- Baslyman, M. (2022). Digital Transformation from the Industry Perspective: Definitions, Goals, Conceptual Model, and Processes. *IEEE Access*, 10, 42961–42970. <https://doi.org/10.1109/ACCESS.2022.3166937>
- Birkstedt, T., Minkkinen, M., Tandon, A., & Mäntymäki, M. (2023). AI governance: themes, knowledge gaps and future agendas. *Internet Research*, 33(7), 133–167. <https://doi.org/10.1108/INTR-01-2022-0042>
- BUMN. (2023). Peraturan Menteri Badan Usaha Milik Negara Pedoman Tata kelola dan Kegiatan Korporasi Signifikan Badan Usaha Milik Negara. In *Berita Negara RI: Vol. No. 262* (Nomor 262). <https://bumn.go.id/>
- Caiming Zhang, Y. L. (2021). *Study on artificial intelligence: The state of the art and future prospects.* 23.
<https://doi.org/https://doi.org/10.1016/j.jii.2021.100224>
- Darmawan, D., & Wijaya, A. F. (2022). Analisis dan Desain Tata Kelola Teknologi Informasi Menggunakan Framework COBIT 2019 pada PT. XYZ. *Journal of Computer and Information Systems Ampera*, 3(1), 1–17.
<https://doi.org/10.51519/journalcisa.v3i1.139>
- Davenport, T. H., & Ronanki, R. (2018). Intelligence for the real world. In *Harvard Business Review* (Vol. 96, Nomor 1).
- Denscombe, M. (2010). The Good Research Guide for small-scale social research projects. In *Sustainability (Switzerland)*.
http://scioteca.caf.com/bitstream/handle/123456789/1091/RED2017-Eng-8ene.pdf?sequence=12&isAllowed=y%0Ahttp://dx.doi.org/10.1016/j.regsciurbe.2008.06.005%0Ahttps://www.researchgate.net/publication/305320484_SISTEM PEMBETUNGAN TERPUSAT STRATEGI MELESTARI

- Dobrev, D. (2012). *A Definition of Artificial Intelligence.* 1–7. <http://arxiv.org/abs/1210.1568>
- Elfi Husda, N., & Wangdra, Y. (2016). *Pengantar Teknologi Informasi.*
- European Commission. (2020). The Assessment list for trustworthy artificial intelligence (ALTAI) for self assessment. In *European Commission*. <https://ec.europa.eu/digital-single-market/en/news/assessment-list-trustworthy-artificial-intelligence-altai-self-assessment>
- Fusch, P. I., & Ness, L. R. (2015). Are we there yet? Data saturation in qualitative research. *Qualitative Report*, 20(9), 1408–1416. <https://doi.org/10.46743/2160-3715/2015.2281>
- Gabriel, I. (2020). Artificial Intelligence, Values, and Alignment. *Minds and Machines*, 30(3), 411–437. <https://doi.org/10.1007/s11023-020-09539-2>
- Gordon, G., Rieder, B., & Sileno, G. (2022). On mapping values in AI Governance. *Computer Law and Security Review*, 46, 105712. <https://doi.org/10.1016/j.clsr.2022.105712>
- Gunarty, Y. (2023). Transformasi Digital dalam Industri: Tantangan dan Peluang. *Transformasi Digital dalam Industri: Tantangan dan Peluang* Yosefa Gunarty, 1(3), 2–9. <https://circle-archive.com/index.php/carc/article/view/59/48>
- Hevner. (2004). *Design Science in Information Systems Research.* <https://doi.org/https://doi.org/10.2307/25148625>
- IEEE. (2019). A Vision for Prioritizing Human Well-being with Autonomous and Intelligent Systems, First Edition. In *IEEE Global Initiative on Ethics of Autonomous and Intelligent Systems.*
- Iqza, N., Ode Rayyani, W., & Syah, F. (2023). Analysis of Financial Performance in Telecommunication Companies listed on the BEI. *International Economics and Business Conference (IECON)*, 1(1), 356–364. <https://doi.org/https://doi.org/10.35912/iecon.v1i1.154>
- ISACA. (2018). *COBIT® 2019 Implementation Guide: Implementing and Optimizing an Information and Technology Governance Solution.* <http://linkd.in/ISACAOOfficial>
- ISACA. (2019a). *COBIT 2019 Framework- Governance and Management Objectives.* COBIT® 2019 Framework. <https://store.isaca.org/s/store#/store/browse/detail/a2S4w000004Ko9ZEAS>
- ISACA. (2019b). COBIT 2019 Framework - Introduction and Methodology. In *www.isaca.org/COBITuse.* <https://store.isaca.org/s/store#/store/browse/detail/a2S4w000004Ko9cEAC>

- ISACA. (2021). *COBIT Focus Area: DevOps*. <https://store.isaca.org/s/store#/store/browse/detail/a2S4w000004Ko9dEAC>
- Istiqomah, N. (2020). Transformasi Digital. In *Kominfo next*. https://jdih.kominfo.go.id/monografi_hukum/monografi/t/majalah/34
- Jagannathan, S., & Sorini, A. (2015). A cybersecurity risk analysis methodology for medical devices. *2015 IEEE Symposium on Product Compliance Engineering (ISPCE)*, 1–6. <https://doi.org/10.1109/ISPCE.2015.7138706>
- Kaban, I. E., & Jurusan. (2009). *TATA KELOLA TEKNOLOGI INFORMASI (IT GOVERNANCE)*. 3. <https://doi.org/10.1007/BF01600255>
- KOMINFO. (2021). Peraturan Menteri Komunikasi dan Informatika Republik Indonesia No 5 Tahun 2021 Tentang Penyelenggaraan Telekomunikasi. *Paper Knowledge . Toward a Media History of Documents*, 12–26. https://jdih.komdigi.go.id/produk_hukum/view/id/768/t/peraturan+menteri+k omunikasi+dan+informatika+n
- Kremers, R. (2020). DARPA’s Explainable Artificial Intelligence Program. *Level Design*, 341–368. <https://doi.org/10.1201/b10933-22>
- Management Institute. (2017). A guide to the project management body of knowledge / Project Management Institute (PMBOK). In *Project Management Institute, Inc.*
- Michael Chui, James Manyika, and M. M. (2016). Transformasi Digital Dalam Era Globalisasi. *Business, Management, Accounting and Social Sciences (JEBMASS)*, 2(2), 87–90. <http://putrajawa.co.id/ojs/index.php/jebmass>
- Mulyana, R., Rusu, L., & Perjons, E. (2021). IT governance mechanisms influence on digital transformation: A systematic literature review. *27th Annual Americas Conference on Information Systems, AMCIS 2021*, 0–10. https://aisel.aisnet.org/amcis2021/adv_info_systems_general_track/adv_info _systems_general_track/19/
- Mulyana, R., Rusu, L., & Perjons, E. (2022). IT Governance Mechanisms that Influence Digital Transformation: A Delphi Study in Indonesian Banking and Insurance Industry. *Pacific Asia Conference on Information Systems (PACIS), AI-IS-ASIA*, 1–16. <https://aisel.aisnet.org/pacis2022/267/>
- Mulyana, R., Rusu, L., & Perjons, E. (2023). How Hybrid IT Governance Mechanisms Influence Digital Transformation and Organizational Performance in the Banking and Insurance Industry of Indonesia. *Proceedings of the 31st International Conference on Information Systems Development*. <https://doi.org/10.62036/isd.2023.33>
- Mulyana, R., Rusu, L., & Perjons, E. (2024a). *Association for Information Systems Association for Information Systems Key Ambidextrous IT Governance Mechanisms In>uence on Key Ambidextrous IT Governance Mechanisms*

Influence on Digital Transformation and Organizational Performance in Digital Transformation. July, 1–16. <https://aisel.aisnet.org/pacis2024>

- Mulyana, R., Rusu, L., & Perjons, E. (2024b). Key ambidextrous IT governance mechanisms for successful digital transformation: A case study of Bank Rakyat Indonesia (BRI). *Digital Business*, 4(2), 100083. <https://doi.org/10.1016/j.digbus.2024.100083>
- NKRI. (1999). *Undang-Undang (UU) Nomor 36 Tahun 1999 Tentang Telekomunikasi.* <https://peraturan.bpk.go.id/Details/45357/uu-no-36-tahun-1999>
- Oke, S. A. (2008). A literature review on artificial intelligence. *International Journal of Information and Management Sciences*, 19(4), 535–570. <https://doi.org/10.32350/air.11.01>
- Oliver, P. (2003). The Student's Guide to Research Ethics. In *Journal* (Nomor 2003). www.openup.co.uk
- Oluwabusayo Adijat Bello, & Komolafe Olufemi. (2024). Artificial intelligence in fraud prevention: Exploring techniques and applications challenges and opportunities. *Computer Science & IT Research Journal*, 5(6), 1505–1520. <https://doi.org/10.51594/csitrj.v5i6.1252>
- Pricopoaia, O., Cristache, N., Lupaşc, A., & Iancu, D. (2025). The implications of digital transformation and environmental innovation for sustainability. *Journal of Innovation and Knowledge*, 10(3). <https://doi.org/10.1016/j.jik.2025.100713>
- Redlich-Amirav, D., & Higginbottom, G. (2014). New Emerging Technologies in Qualitative Research. *The Qualitative Report*, 19(26), 1–14. <https://doi.org/10.46743/2160-3715/2014.1212>
- SFIA. (2025). *The framework reference.* www.sfia-online.org
- Shenton. (2004). *Strategies for Ensuring Trustworthiness in Qualitative Research Projects.* 63–75. <https://content.iospress.com/articles/education-for-information/efi00778>
- Slimani, K., Khoulji, S., Mortreau, A., & Kerkeb, M. L. (2024). From tradition to innovation: The telecommunications metamorphosis with AI and advanced technologies. *Journal of Autonomous Intelligence*, 7(1), 1–11. <https://doi.org/10.32629/jai.v7i1.1099>
- Song, J., Martens, A., & Vanhoucke, M. (2022). Using Earned Value Management and Schedule Risk Analysis with resource constraints for project control. *European Journal of Operational Research*, 297(2), 451–466. <https://doi.org/https://doi.org/10.1016/j.ejor.2021.05.036>
- Tangprasert, S. (2020). A Study of Information Technology Risk Management of

- Government and Business Organizations in Thailand using COSO-ERM based on the COBIT 5 Framework. *The Journal of Applied Science*, 19(1), 13–24. <https://doi.org/10.14416/j.appsci.2020.01.002>
- Vemuri, N., Thaneeru, N., & Manoj Tatikonda, V. (2022). AI-Driven Predictive Maintenance in the Telecommunications Industry. *Journal of Science & Technology*, 3(2), 21–45. <https://doi.org/10.55662/jst.2022.3201>
- Wirtz, B. W., Weyerer, J. C., & Sturm, B. J. (2020). The Dark Sides of Artificial Intelligence: An Integrated AI Governance Framework for Public Administration. *International Journal of Public Administration*, 43(9), 818–829. <https://doi.org/10.1080/01900692.2020.1749851>
- Wu, C., Zhang, H., & Carroll, J. M. (2024). AI Governance in Higher Education: Case Studies of Guidance at Big Ten Universities. *Future Internet*, 16(10). <https://doi.org/10.3390/fi16100354>
- Xiong, J., Hsiang, E. L., He, Z., Zhan, T., & Wu, S. T. (2021). Augmented reality and virtual reality displays: emerging technologies and future perspectives. *Light: Science and Applications*, 10(1), 1–30. <https://doi.org/10.1038/s41377-021-00658-8>
- Zhen, J., Xie, Z., & Dong, K. (2021). Impact of IT governance mechanisms on organizational agility and the role of top management support and IT ambidexterity. *International Journal of Accounting Information Systems*, 40(C). <https://doi.org/10.1016/j.accinf.2021.100501>