

VII. DAFTAR PUSTAKA

- Abraham, R., Schneider, J., & vom Brocke, J. (2019). Data governance: A conceptual framework, structured review , and research agenda. *International Journal of Information Management*, 49(July), 424–438. <https://doi.org/10.1016/j.ijinfomgt.2019.07.008>
- Afifi, A. A., & Sastry, S. V. S. (2013). DAMA-DMBOK: Data Management Body of Knowledge. *Journal of Chemical Information and Modeling*, 53(9), 1689–1699.
- Ahmad, N. A., Drus, S. M., Kasim, H., & Othman, M. M. (2019). Assessing content validity of enterprise architecture adoption questionnaire (EAAQ) among content experts. *ISCAIE 2019 - 2019 IEEE Symposium on Computer Applications and Industrial Electronics*, 160–165. <https://doi.org/10.1109/ISCAIE.2019.8743918>
- Akremi, A., & Rouached, M. (2021). A comprehensive and holistic knowledge model for cloud privacy protection. In *Journal of Supercomputing* (Vol. 77, Issue 8). Springer US. <https://doi.org/10.1007/s11227-020-03594-3>
- Al-Ruithe, M., Benkhelifa, E., & Hameed, K. (2019). A systematic literature review of data governance and cloud data governance. *Personal and Ubiquitous Computing*, 23(5–6), 839–859. <https://doi.org/10.1007/s00779-017-1104-3>
- Al Shamsi, A. A. (2019). Effectiveness of Cyber Security Awareness Program for young children: A Case Study in UAE Effectiveness of Cyber Security Awareness Program for young children View project Sentiment Analysis for Arabic Dialects View project Effectiveness of Cyber Security. *International Journal of Information Technology and Language Studies (IJITLS)*, 3(2), 8–29. <https://doi.org/10.13140/RG.2.2.28488.14083>
- Alketbi, A., Nasir, Q., & Talib, M. A. (2018). Blockchain for government services-Use cases, security benefits and challenges. *2018 15th Learning and Technology Conference, L and T 2018*, 112–119. <https://doi.org/10.1109/LT.2018.8368494>
- Ani, U. D., He, H., & Tiwari, A. (2019). Human factor security: evaluating the cybersecurity capacity of the industrial workforce. *Journal of Systems and Information Technology*, 21(1), 2–35. <https://doi.org/10.1108/JSIT-02-2018-0028>
- Apuke, O. D. (2017). Quantitative Research Methods : A Synopsis Approach. *Kuwait Chapter of Arabian Journal of Business and Management Review* , 6(11), 40–47. <https://doi.org/10.12816/0040336>
- Badan Pusat Statistik. (2020). *laporan Statistik Telekomunikasi Indonesia*. 59. <https://www.bps.go.id/publication/2021/10/11/e03aca1e6ae93396ee660328/statistik-telekomunikasi-indonesia-2020.html>
- Bank Of Canada. (2022). *Cyber Security Strategy - Reducing Risk Promoting Resilience, 2022 -2024*.
- Basrowi & Suwandi. (2014). dalam Penelitian Pendidikan Bahasa. 信阳师范学院, 1(1), 32. <http://ejournal.usd.ac.id/index.php/LLT%0Ahttp://jurnal.untan.ac.id/index.php/jpdpb/article>

e/viewFile/11345/10753%0Ahttp://dx.doi.org/10.1016/j.sbspro.2015.04.758%0Aw
ww.iosrjournals.org

- Bertino, E. (2016). Data Security and Privacy: Concepts, Approaches, and Research Directions. *Proceedings - International Computer Software and Applications Conference*, 1, 400–407. <https://doi.org/10.1109/COMPSAC.2016.89>
- Brand, K., & Boonen, H. (2005). IT Governance based on COBIT 4.1. *ItSMF International*, 1–110.
- Capability, M. P. E. (2019). *Privacy Maturity Model Versi 1*. <https://www.mitre.org/sites/default/files/2021-11/pr-19-3384-privacy-maturity-model.pdf>
- Casola, V., De Benedictis, A., Rak, M., & Villano, U. (2020). A novel Security-by-Design methodology: Modeling and assessing security by SLAs with a quantitative approach. *Journal of Systems and Software*, 163, 110537. <https://doi.org/10.1016/j.jss.2020.110537>
- Chan, Y.-Y., & Wei, V. K. (2008). Teaching for Conceptual Change in Security Awareness. *IEEE Security & Privacy*, 6(6), 67–69. <https://doi.org/10.1109/MSP.2008.157>
- Dama International. (2017). *DAMA-DMBOK 2nd edition* (Second Edi). Technics Publications.
- DAMA International. (2017). DAMA-DMBOK: Data Management Body of Knowledge (2nd Edition)July 2017. In *Technics Publications, LLC14 Elm StDenville NJUnited States* (Vol. 44, Issue 8).
- DAMA International Technics. (2017). DAMA-DMBOK: Data Management Body of Knowledge: 2nd Edition. In *Technics Publications*.
- Dash, B., Sharma, P., & Ali, A. (2022). Federated Learning for Privacy-Preserving: A Review of PII Data Analysis in Fintech. *International Journal of Software Engineering & Applications*, 13(4), 1–13. <https://doi.org/10.5121/ijsea.2022.13401>
- De Sousa Pereira, R. F., & Da Silva, M. M. (2010). A maturity model for implementing ITIL v3. *Proceedings - 2010 6th World Congress on Services, Services-1 2010, July 2010*, 399–406. <https://doi.org/10.1109/SERVICES.2010.80>
- Destefano, R. J., Tao, L., & Gai, K. (2016). Improving Data Governance in Large Organizations through Ontology and Linked Data. *Proceedings - 3rd IEEE International Conference on Cyber Security and Cloud Computing, CSCloud 2016 and 2nd IEEE International Conference of Scalable and Smart Cloud, SSC 2016*, 279–284. <https://doi.org/10.1109/CSCloud.2016.47>
- Dewi, D. A. N. N. (2018). Modul Uji Validitas Dan Hormonal. *Universitas Diponegoro, October*, 14. <https://www.researchgate.net/publication/328600462>
- Environment, C. (2022). *CYBERSECURITY GOVERNANCE : A SCOPING REVIEW Article history : With the increasing use of the Internet , cyberspace is becoming more mobile and shareable. August*, 1–19.

- Expert Kaspersky. (2021). Kaspersky Security Bulletin 2020-2021. EU statistics. *Securelist by Kaspersky*. <https://securelist.com/kaspersky-security-bulletin-2020-2021-eu-statistics/102335/>
- Febiryani, W., Kusumasari, T. F., & Fauzi, R. (2021a). Analysis and Design of Implementation Guidelines Data Security Management Assessment Techniques Based on DAMA-DMBOKv2. *Proceedings - 2021 IEEE 5th International Conference on Information Technology, Information Systems and Electrical Engineering: Applying Data Science and Artificial Intelligence Technologies for Global Challenges During Pandemic Era, ICITISEE 2021, February 2022*, 371–375. <https://doi.org/10.1109/ICITISEE53823.2021.9655782>
- Febiryani, W., Kusumasari, T. F., & Fauzi, R. (2021b). Analysis and Design Of Implementation Guidelines Data Security Management Assessment Techniques Based On DAMA-DMBOKv2. *2021 IEEE 5th International Conference on Information Technology, Information Systems and Electrical Engineering (ICITISEE)*, 371–375. <https://doi.org/10.1109/ICITISEE53823.2021.9655782>
- Febriyani, W., Kusumasari, T. F., & Lubis, M. (2023). *An Narrative Review on Achieving Data Governance in Indonesia Amidst Data Security Challenges*. 6(158), 785–792.
- Felix C Aguboshim, Ifeyinwa N Obiokafor, & Anastasia O Emenike. (2023). Sustainable data governance in the era of global data security challenges in Nigeria: A narrative review . *World Journal of Advanced Research and Review s*, 17(2), 378–385. <https://doi.org/10.30574/wjarr.2023.17.2.0154>
- Ficco, M., & Palmieri, F. (2017). Intelligent Data-Centric Critical Systems: Security and Resilience Key Challenges. In *Security and Resilience in Intelligent Data-Centric Systems and Communication Networks* (1st ed.). Elsevier Inc. <https://doi.org/10.1016/B978-0-12-811373-8.09990-0>
- Friedewald, M., van Lieshout, M., Rung, S., Ooms, M., & Ypma, J. (2015). Privacy and security perceptions of european citizens: A test of the trade-off model. *IFIP Advances in Information and Communication Technology*, 457(May), 39–53. https://doi.org/10.1007/978-3-319-18621-4_4
- Gkioulos, V., & Chowdhury, N. (2021). Cyber security training for critical infrastructure protection: A literature review . *Computer Science Review* , 40, 100361. <https://doi.org/10.1016/j.cosrev.2021.100361>
- Granata, D., & Rak, M. (2023). Systematic analysis of automated threat modelling techniques: Comparison of open-source tools. In *Software Quality Journal* (Issue 0123456789). Springer US. <https://doi.org/10.1007/s11219-023-09634-4>
- Harbi, Y., Aliouat, Z., Harous, S., Bentaleb, A., & Refoufi, A. (2019). A Review of Security in Internet of Things. *Wireless Personal Communications*, 108(1), 325–344. <https://doi.org/10.1007/s11277-019-06405-y>
- Hayati, S., & Lailatussaadah, L. (2016). Validitas Dan Reliabilitas Instrumen Pengetahuan Pembelajaran Aktif, Kreatif Dan Menyenangkan (Pakem) Menggunakan Model Rasch. *Jurnal Ilmiah Didaktika*, 16(2), 169. <https://doi.org/10.22373/jid.v16i2.593>

- Hendrawan, F. R., Kusumasari, T. F., & Fauzi, R. (2022). Analysis of Design Implementation Guidelines for Data Governance Management Based on DAMA-DMBOKv2. *2022 7th International Conference on Informatics and Computing, ICIC 2022*. <https://doi.org/10.1109/ICIC56845.2022.10007021>
- Hevner, A., & Chatterjee, S. (2012). Design Research in Information Systems. In *Information Systems Theory: Explaining and Predicting our Digital Society Vol. 1* (Vol. 28). <http://link.springer.com/10.1007/978-1-4419-6108-2>
- Hikmah, & Muslimah. (2021). Validitas dan reliabilitas tes dalam menunjang hasil belajar pai. *Palangkaraya International and National Conference on Islamic Studies*, 1(1), 345–356.
- IBM. (n.d.). *What is data security?* Retrieved September 26, 2021, from ibm.com/topics/data-security
- IBM Services. (2008). *PRM-IT IBM Process Reference Model for IT Sequencing the DNA of IT Management*. 997.
- Indonesia, B. P. S. (2021). *Statistik Telekomunikasi Indonesia 2021*. <https://www.bps.go.id/publication/2022/09/07/bcc820e694c537ed3ec131b9/statistik-telekomunikasi-indonesia-2021.html>
- IT Governance Institute. (2003). *Board Briefing on IT Governance, 2nd Edition*. <http://www.itgi.org>
- Jimenez, L. M., Polo, J. A., & Duarte, N. A. (2019). Overview of Data Governance in Business Contexts. *IOP Conference Series: Materials Science and Engineering*, 519(1). <https://doi.org/10.1088/1757-899X/519/1/012023>
- Khairunisak, Kusumasari, T. F., & Fauzi, R. (2021). Design Guidelines and Process of Metadata Management Based on Data Management Body of Knowledge. *2021 7th International Conference on Information Management, ICIM 2021*, 87–91. <https://doi.org/10.1109/ICIM52229.2021.9417156>
- Komljenovic, J. (2022). The future of value in digitalised higher education: why data privacy should not be our biggest concern. *Higher Education*, 83(1), 119–135. <https://doi.org/10.1007/s10734-020-00639-7>
- Kruger, H. A., Drevin, L., Flowerday, S., & Steyn, T. (2011). An assessment of the role of cultural factors in information security awareness. *2011 Information Security for South Africa*, 1–7. <https://doi.org/10.1109/ISSA.2011.6027505>
- Kwon, R., Ashley, T., Castleberry, J., McKenzie, P., & Gupta Gourisetti, S. N. (2020). Cyber threat dictionary using MITRE ATTCK matrix and NIST cybersecurity framework mapping. *2020 Resilience Week, RWS 2020*, 75, 106–112. <https://doi.org/10.1109/RWS50334.2020.9241271>
- Ladley, J. (2019). *Data Governance Architecture and Design*. Elsevier Inc.
- Laufs, J., Borrión, H., & Bradford, B. (2020). Security and the smart city: A systematic review . *Sustainable Cities and Society*, 55(December 2019). <https://doi.org/10.1016/j.scs.2020.102023>

- LAWSHE, C. H. (1975). a Quantitative Approach To Content Validity. *Personnel Psychology*, 28(4), 563–575. <https://doi.org/10.1111/j.1744-6570.1975.tb01393.x>
- Liu, X., Xie, L., Wang, Y., Zou, J., Xiong, J., Ying, Z., & Vasilakos, A. V. (2021). Privacy and Security Issues in Deep Learning: A Survey. *IEEE Access*, 9, 4566–4593. <https://doi.org/10.1109/ACCESS.2020.3045078>
- Mohamed, N., Kaur, J., & Singh, G. (2012). Information Management & Computer Security Article information : *Information Management & Computer Security*, 20(2), 88–106.
- Mosley, M., Brackett, M., Earley, S., &, & Henderson, D. (2009). *The DAMA Guide to The Data Management Body of Knowledge (DAMA-DMBOK Guide)* (1st ed.). Technics Publications, LLC.
- Muchsam, Y., Falahah, & Saputro, G. I. (2011). Penerapan Gap Analysis Pada Pengembangan Sistem Pendukung. *Seminar Nasional Aplikasi Teknologi Informasi*, 2011(September 2020), A-94-A-100.
- N. Maniam, J., & Singh, D. (2020). Towards Data Privacy and Security Framework in Big Data Governance. *International Journal of Software Engineering and Computer Systems*, 6(1), 41–51. <https://doi.org/10.15282/ijsecs.6.1.2020.5.0068>
- Naufal, R. A. (2020). *Tanggung Jawab Pt Tokopedia Dalam Kasus*.
- New Zealand Government. (2014). *Privacy maturity assessment framework: elements, attributes and criteria (version 2.0)*.
- New Zealand Government. (2023). *Privacy Maturity Self Assessment Framework* (New Zealan).
- NIST. (2020). *Data Security*. NCCOE. <https://www.nccoe.nist.gov/projects/building-blocks/data-security>
- NIST Cybersecurity Framework Team. (2018). Framework for improving critical infrastructure cybersecurity. *Proceedings of the Annual ISA Analysis Division Symposium*, 535, 9–25.
- Osula, A.-M., Kaska, K., & NATO CCDCOE. (2013). *National Cyber Security Strategy Guidelines*. 27. https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/567242/national_cyber_security_strategy_2016.pdf
- Otto, B. (2011). Data governance. *Business and Information Systems Engineering*. <https://doi.org/10.1007/s12599-011-0162-8>
- Patel, N. (2020). Social Engineering As an Evolutionary Threat To Information Security in Healthcare Organizations. *Jurnal Administrasi Kesehatan Indonesia*, 8(1), 56. <https://doi.org/10.20473/jaki.v8i1.2020.56-64>
- Prasetyo, H. N., & Kridanto, S. (2013). Perbandingan Framework Tata Kelola Data DGI dan DAMA International. *Prosiding Seminar Nasional Aplikasi Teknologi Informasi (SNATI)*, 27–32.
- Pratikto, R. P., Kusumasari, T. F., & Fauzi, R. (2023). Design guidelines and process of

- reference data quality management based on data management body of knowledge. *AIP Conference Proceedings*, 2654. <https://doi.org/10.1063/5.0114293>
- Prof. Dr. A. Muri Yusuf, M. P. (2014). *Kuantitatif, Kualitatif, & Penelitian Gabungan* (1st ed.). Kencana.
- Quach, S., Thaichon, P., Martin, K. D., Weaven, S., & Palmatier, R. W. (2022). Digital technologies: tensions in privacy and data. *Journal of the Academy of Marketing Science*, 50(6), 1299–1323. <https://doi.org/10.1007/s11747-022-00845-y>
- Rachmawati, I. N. (2007). Pengumpulan Data Dalam Penelitian Kualitatif: Wawancara. *Jurnal Keperawatan Indonesia*, 11(1), 35–40. <https://doi.org/10.7454/jki.v11i1.184>
- Rohan, R., Funikul, S., Pal, D., & Chutimaskul, W. (2021). Understanding of Human Factors in Cybersecurity: A Systematic Literature Review . *2021 International Conference on Computational Performance Evaluation, ComPE 2021, December*, 133–140. <https://doi.org/10.1109/ComPE53109.2021.9752358>
- Rohan, R., Pal, D., Hautamäki, J., Funikul, S., Chutimaskul, W., & Thapliyal, H. (2023). A systematic literature review of cybersecurity scales assessing information security awareness. *Heliyon*, 9(3). <https://doi.org/10.1016/j.heliyon.2023.e14234>
- Ruan, K. (2017). Introducing cybernomics: A unifying economic framework for measuring cyber risk. *Computers and Security*, 65, 77–89. <https://doi.org/10.1016/j.cose.2016.10.009>
- Saed, K. A., Aziz, N., Ramadhani, A. W., & Hafizah Hassan, N. (2018). Data Governance Cloud Security Assessment at Data Center. *2018 4th International Conference on Computer and Information Sciences: Revolutionising Digital Landscape for Sustainable Smart Society, ICCOINS 2018 - Proceedings*, 2–5. <https://doi.org/10.1109/ICCOINS.2018.8510612>
- Sánchez-Gordón, M., & Colomo-Palacios, R. (2020). Security as Culture: A Systematic Literature Review of DevSecOps. *Proceedings - 2020 IEEE/ACM 42nd International Conference on Software Engineering Workshops, ICSEW 2020*, 266–269. <https://doi.org/10.1145/3387940.3392233>
- Sarker, I. H., Furhad, M. H., & Nowrozy, R. (2021). AI-Driven Cybersecurity: An Overview, Security Intelligence Modeling and Research Directions. *SN Computer Science*, 2(3), 1–18. <https://doi.org/10.1007/s42979-021-00557-0>
- Scarfò, A. (2017). The Cyber Security Challenges in the IoT Era. *Security and Resilience in Intelligent Data-Centric Systems and Communication Networks*, 53–76. <https://doi.org/10.1016/B978-0-12-811373-8.00003-3>
- Sekarwati, A., Gantini, T., & Yefta, S. K. (2017). Penerapan Domain DSS Cobit 5 pada Analisis GAP dan Kecukupan Layanan Teknologi Informasi. *Jurnal Teknik Informatika Dan Sistem Informasi*, 3(3). <https://doi.org/10.28932/jutisi.v3i3.703>
- Selvianti, D. M., & Herwindo, W. (2015). Perancangan Service Catalogue Management Dan Service Level Management pada Layanan IT PUSAIR. *Jurnal Sistem Informasi*, Vol 5(4), 436–445.

- Silva, C. M. R. da, Feitosa, E. L., & Garcia, V. C. (2020). Heuristic-based strategy for Phishing prediction: A survey of URL-based approach. *Computers & Security*, 88, 101613. <https://doi.org/https://doi.org/10.1016/j.cose.2019.101613>
- Sinambela, L. P., Sinambela, S., & Monalisa. (2021). *Metodologi Penelitian Kuantitatif; Teoretik dan Praktik* (Ed.1 Cet.1). Rajawali Pers PT.RajaGrafindo Persada.
- Soemitra, A., & Adlina. (2022). Perlindungan Konsumen Terhadap Kebocoran Data Pada Jasa Keuangan Di Indonesia. *Jurnal Insitusi Politeknik Ganeshha Medan Juripol*, 5, 288–303.
- Sugiyono. (2003). *Metode Penelitian Pendekatan Kuantitatif Kualitatif* (Issue June).
- Sun, Z., Strang, K. D., & Pambel, F. (2020). Privacy and security in the big data paradigm. *Journal of Computer Information Systems*, 60(2), 146–155. <https://doi.org/10.1080/08874417.2017.1418631>
- Syahrum, & Salim. (2012). *Metodologi Penelitian Kuantitatif* (p. Bandung : Cipustaka Media).
- Teknologi, D. M., Keahlian, B., Teknologi, M., Bisnis, F., & Manajemen, D. A. N. (2018). *Perancangan Tata Kelola Data Dengan Kerangka Kerja Dama Dmbok (Studi Kasus : Pt Pembangkitan Jawa Bali)*.
- Tempo.co. (2021). *6 Kasus Kebocoran Data Pribadi di Indonesia*. Tempo.Co. <https://nasional.tempo.co/read/1501790/6-kasus-kebocoran-data-pribadi-di-indonesia>
- The Data Governance Institute. (2010). *The DGI Framework*. <http://www.datagovernance.com/dgdata-governance-framework/>
- US, D. of D. (2022). *CMMCModel_V2_Mapping*. <https://www.acq.osd.mil/cmmc/documentation.html>
- Wang, Y., Yao, J., & Yu, X. (2018). Information security protection in software testing. *Proceedings - 14th International Conference on Computational Intelligence and Security, CIS 2018*, 449–452. <https://doi.org/10.1109/CIS2018.2018.00106>
- Widya, S. (2020). *Kebocoran Data Startup Di Indonesia*. 6.
- Winarno, A., & Hermana, D. (2021). How to encourage lecturer performance in research through servant leadership, organizational commitment, and tacit knowledge sharing. *Jurnal Manajemen Dan Pemasaran Jasa*, 14(1), 35–48. <https://doi.org/10.25105/jmpj.v14i1.8541>
- Yaacoub, J. A., Noura, H. N., Salman, O., & Chehab, A. (2023). Ethical Hacking for IoT : Security Issues , Challenges , na ur 1 P re of. *Internet of Things and Cyber-Physical Systems*. <https://doi.org/10.1016/j.iotcps.2023.04.002>
- Yang, P., Xiong, N., & Ren, J. (2020). Data Security and Privacy Protection for Cloud Storage: A Survey. *IEEE Access*, 8, 131723–131740. <https://doi.org/10.1109/ACCESS.2020.3009876>
- Ye, T., Zhuang, Y., & Qiao, G. (2023). SCKPISec: A KPI-Guided Model-Based Approach to Realize Security by Design for Smart City Systems. *Sustainability (Switzerland)*,

15(3). <https://doi.org/10.3390/su15031884>

Yusoff, M. S. B. (2019). ABC of Content Validation and Content Validity Index Calculation. *Education in Medicine Journal*, 11(2), 49–54. <https://doi.org/10.21315/eimj2019.11.2.6>

Zhang, J., Chen, B., Zhao, Y., Cheng, X., & Hu, F. (2018). Data Security and Privacy-Preserving in Edge Computing Paradigm: Survey and Open Issues. *IEEE Access*, 6(Idc), 18209–18237. <https://doi.org/10.1109/ACCESS.2018.2820162>

Zhang, P., Han, X., Zhang, D., Qian, K., & Xiong, S. (2018). A Security Situation Awareness System based on Wide & Deep. *2018 5th IEEE International Conference on Cloud Computing and Intelligence Systems (CCIS)*, 107–111. <https://doi.org/10.1109/CCIS.2018.8691189>