



## DAFTAR PUSTAKA

- [1] R. Silvola, O. Jaaskelainen, H. Kropsu-Vehkaperä, and H. Haapasalo, “Managing one master data – challenges and preconditions,” *Industr Mngmnt & Data Systems*, vol. 111, no. 1, pp. 146–162, Feb. 2011, doi: 10.1108/02635571111099776.
- [2] J. Khisro and H. Sundberg, “Enterprise interoperability development in multi relation collaborations: Success factors from the Danish electricity market,” *Enterprise Information Systems*, vol. 14, no. 8, pp. 1172–1193, Sep. 2020, doi: 10.1080/17517575.2018.1528633.
- [3] E. Sciore, M. Siegel, and A. Rosenthal, “Using semantic values to facilitate interoperability among heterogeneous information systems,” *ACM Trans. Database Syst.*, vol. 19, no. 2, pp. 254–290, Jun. 1994, doi: 10.1145/176567.176570.
- [4] E. Baghi, S. Schlosser, V. Ebner, B. Otto, and H. Oesterle, “Toward a Decision Model for Master Data Application Architecture,” in *2014 47th Hawaii International Conference on System Sciences*, Waikoloa, HI, Jan. 2014, pp. 3827–3836. doi: 10.1109/HICSS.2014.475.
- [5] D. Cervo and M. Allen, *Master data management in practice: achieving true customer MDM*. Hoboken, NJ: Wiley, 2011.
- [6] S. Lerche, “Achieving customer data integration through master data management in enterprise information management,” p. 147.
- [7] B. Otto, “How to design the master data architecture: Findings from a case study at Bosch,” *International Journal of Information Management*, vol. 32, no. 4, pp. 337–346, Aug. 2012, doi: 10.1016/j.ijinfomgt.2011.11.018.
- [8] DAMA UK, “DAMA, U. (2013). The six primary dimensions for data quality assessment. DAMA UK, October.”
- [9] F. Haneem, R. Ali, N. Kama, and S. Basri, “Resolving data duplication, inaccuracy and inconsistency issues using Master Data Management,” in *2017 International Conference on Research and Innovation in Information Systems (ICRIIS)*, Langkawi, Malaysia, Jul. 2017, pp. 1–6. doi: 10.1109/ICRIIS.2017.8002453.
- [10] B. Otto, “Organizing Data Governance: Findings from the Telecommunications Industry and Consequences for Large Service Providers,” *CAIS*, vol. 29, 2011, doi: 10.17705/1CAIS.02903.
- [11] Z. Murti, A. Andarrachmi, A. N. Hidayanto, and S. B. Yudhoatmojo, “Master Data Management Planning: (Case Study of Personnel Information System at XYZ Institute),” in *2018 International Conference on Information Management and Technology (ICIMTech)*, Jakarta, Sep. 2018, pp. 160–165. doi: 10.1109/ICIMTech.2018.8528185.



- [12] R. I. P. Putra, J. P. Nurahman, R. R. Yana, H. Winarno, A. N. Hidayanto, and N. C. Harahap, "Master Data Management Planning: A Case Study of Flight Information System at PT Angkasa Pura I (Persero)," *J. Phys.: Conf. Ser.*, vol. 1444, p. 012017, Jan. 2020, doi: 10.1088/1742-6596/1444/1/012017.
- [13] P. Rishartati, N. D. Rahayuningtyas, J. Maulina, A. Adetia, and Y. Ruldeviyani, "Maturity Assessment and Strategy to Improve Master Data Management of Geospatial Data Case Study: Statistics Indonesia," in *2019 5th International Conference on Science and Technology (ICST)*, Yogyakarta, Indonesia, Jul. 2019, pp. 1–6. doi: 10.1109/ICST47872.2019.9166400.
- [14] D. Vásquez, R. Kukurelo, C. Raymundo, F. Dominguez, and J. Moguerza, "Master Data Management Maturity Model for the successful of MDM initiatives in the Microfinance sector in Peru," p. 16.
- [15] M. Spruit and K. Pietzka, "MD3M: The master data management maturity model," *Computers in Human Behavior*, vol. 51, pp. 1068–1076, Oct. 2015, doi: 10.1016/j.chb.2014.09.030.
- [16] R. Vilminko-Heikkinen and S. Pekkola, "Changes in roles, responsibilities and ownership in organizing master data management," *International Journal of Information Management*, vol. 47, pp. 76–87, Aug. 2019, doi: 10.1016/j.ijinfomgt.2018.12.017.
- [17] F. Haneem, N. Kama, N. Taskin, D. Pauleen, and N. A. Abu Bakar, "Determinants of master data management adoption by local government organizations: An empirical study," *International Journal of Information Management*, vol. 45, pp. 25–43, Apr. 2019, doi: 10.1016/j.ijinfomgt.2018.10.007.
- [18] S. Earley, D. Henderson, and Data Management Association, Eds., *DAMA-DMBOK: data management body of knowledge*, 2nd edition. Basking Ridge, New Jersey: Technics Publications, 2017.
- [19] R. Vilminko-Heikkinen and S. Pekkola, "Establishing an Organization's Master Data Management Function: A Stepwise Approach," in *2013 46th Hawaii International Conference on System Sciences*, Wailea, HI, USA, Jan. 2013, pp. 4719–4728. doi: 10.1109/HICSS.2013.205.
- [20] D. Loshin, "MDM Components and the Maturity Model," in *Master Data Management*, Elsevier, 2009, pp. 43–65. doi: 10.1016/B978-0-12-374225-4.00003-5.
- [21] R. Vilminko-Heikkinen and S. Pekkola, "Master data management and its organizational implementation: An ethnographical study within the public sector," *JEIM*, vol. 30, no. 3, pp. 454–475, Apr. 2017, doi: 10.1108/JEIM-07-2015-0070.
- [22] F. Haneem, A. Azmi, and N. Kama, "CO-DEPENDENCE RELATIONSHIP BETWEEN MASTER DATA MANAGEMENT AND DATA QUALITY: A REVIEW," . Vol., no. 22, p. 14, 2005.



- [23] D. Loshin, *The practitioner's guide to data quality improvement*. Burlington, MA: Morgan Kaufmann, 2011.
- [24] S. B. Wibisono, A. N. Hidayanto, and W. S. Nugroho, "Data Quality Management Maturity Measurement of Government-Owned Property Transaction in BMKG," *CommIT (Communication and Information Technology) Journal*, vol. 12, no. 2, p. 59, Nov. 2018, doi: 10.21512/commit.v12i2.4470.
- [25] R. Sabtiana, S. B. Yudhoatmojo, and A. N. Hidayanto, "Data Quality Management Maturity Model: A Case Study in BPS-Statistics of Kaur Regency, Bengkulu Province, 2017," in *2018 6th International Conference on Cyber and IT Service Management (CITSM)*, Parapat, Indonesia, Aug. 2018, pp. 1–4. doi: 10.1109/CITSM.2018.8674323.
- [26] S. D. Rahmawati and Y. Ruldeviyani, "Data Quality Management Strategy to Improve the Quality of Worker's Wage and Income Data: A Case Study in BPS-Statistics Indonesia, 2018," in *2019 Fourth International Conference on Informatics and Computing (ICIC)*, Semarang, Indonesia, Oct. 2019, pp. 1–6. doi: 10.1109/ICIC47613.2019.8985803.
- [27] H. A. Smith and J. D. McKeen, "Developments in Practice XXX: Master Data Management: Salvation Or Snake Oil?," *CAIS*, vol. 23, 2008, doi: 10.17705/1CAIS.02304.
- [28] F. G. Pratama, S. Astana, S. B. Yudhoatmojo, and A. Nizar Hidayanto, "Master Data Management Maturity Assessment: A Case Study of Organization in Ministry of Education and Culture," in *2018 International Conference on Computer, Control, Informatics and its Applications (IC3INA)*, Tangerang, Indonesia, Nov. 2018, pp. 1–6. doi: 10.1109/IC3INA.2018.8629524.
- [29] S. Wieczorek, A. Stefanescu, and I. Schieferdecker, "Test Data Provision for ERP Systems," in *2008 1st International Conference on Software Testing, Verification, and Validation*, Lillehammer, Norway, Apr. 2008, pp. 396–403. doi: 10.1109/ICST.2008.53.
- [30] F. Rivard, G. Abou Harb, P. Méret, and F. Rivard, *The transverse information system: new solutions for IS and business performance*, 1. publ. London: ISTE Ltd [u.a.], 2009.
- [31] P. K. Purohit, "Master Data Management (MDM) – Strategies, Architecture and Synchronisation Techniques," *Master Data Management*, p. 28.
- [32] I. Indrajani, "Master Data Management Model in Company: Challenges and Opportunity," *ComTech*, vol. 6, no. 4, p. 514, Dec. 2015, doi: 10.21512/comtech.v6i4.2179.
- [33] Y. W. Lee, Ed., *Journey to data quality*. Cambridge, Mass: MIT Press, 2006.
- [34] R. Y. Wang and D. M. Strong, "Beyond Accuracy: What Data Quality Means to Data Consumers," *Journal of Management Information Systems*, vol. 12,



- no. 4, pp. 5–33, Mar. 1996, doi: 10.1080/07421222.1996.11518099.
- [35] Redman, T.C, “Data Quality. The Field Guide,” Digital Press, 2001, p. 74.
  - [36] P. Christen, *Data Matching*. Berlin, Heidelberg: Springer Berlin Heidelberg, 2012. doi: 10.1007/978-3-642-31164-2.
  - [37] N. K. Yeganeh, S. Sadiq, and M. A. Sharaf, “A framework for data quality aware query systems,” *Information Systems*, vol. 46, pp. 24–44, Dec. 2014, doi: 10.1016/j.is.2014.05.005.
  - [38] Helena Galhardas, Luis Torres, and João Damásio, “ASTER DATA MANAGEMENT: A PROOF OF CONCEPT”.
  - [39] A. Chamberlain, “Using Aspects of Data Governance Frameworks to Manage Big Data as an Asset (Doctoral dissertation, University of Oregon).”.
  - [40] Zarate Santovenia, Alejandro., “Big data: evolution, components, challenges and opportunities. Diss. Massachusetts Institute of Technology, 2013.”.
  - [41] E. Buffenoir and I. Bourdon, “Managing Extended Organizations and Data Governance,” in *Digital Enterprise Design and Management 2013*, vol. 205, P.-J. Benghozi, D. Krob, and F. Rowe, Eds. Berlin, Heidelberg: Springer Berlin Heidelberg, 2013, pp. 135–145. doi: 10.1007/978-3-642-37317-6\_12.
  - [42] Ventana Research, “Building Successful Master Data Management Teams,” 2007.
  - [43] M. Spruit and K. Pietzka, “MD3M: The master data management maturity model,” *Computers in Human Behavior*, vol. 51, pp. 1068–1076, Oct. 2015, doi: 10.1016/j.chb.2014.09.030.
  - [44] “An Oracle White Paper: MDM Maturity Model,” 2013. [Online]. Available: <http://www.oracle.com/us/products/applications/master-data-management/mdm-maturity-model-1887940.pdf>
  - [45] S. Kumar, ““MDM Maturity Model”,” 2010. [Online]. Available: <https://www.information-management.com/news/mdm-maturity-model>
  - [46] D. Krismawati, Y. Ruldeviyani, and R. Rusli, “Master Data Management Maturity Model: A Case Study at Statistics Business Register in Statistics Indonesia,” in *2019 International Conference on Information and Communications Technology (ICOIACT)*, Yogyakarta, Indonesia, Jul. 2019, pp. 931–936. doi: 10.1109/ICOIACT46704.2019.8938482.
  - [47] Universitas Indonesia and A. R. A, “Master Data Management Maturity Assessment : A Case Study of a Pasar Rebo Public Hospital,” *IJETER*, vol. 7, no. 5, pp. 15–20, Jun. 2019, doi: 10.30534/ijeter/2019/02752019.
  - [48] R. Angeles, “Using the Technology-Organization-Environment Framework and Zuboff’s Concepts for Understanding Environmental Sustainability and RFID: Two Case Studies,” *International Journal of Economics and Management Engineering*, vol. 7, no. 11, p. 10, 2013.
  - [49] H. Ahmadi, M. Nilashi, L. Shahmoradi, and O. Ibrahim, “Hospital



Information System adoption: Expert perspectives on an adoption framework for Malaysian public hospitals," *Computers in Human Behavior*, vol. 67, pp. 161–189, Feb. 2017, doi: 10.1016/j.chb.2016.10.023.

- [50] Y.-M. Wang and Y.-C. Wang, "Determinants of firms' knowledge management system implementation: An empirical study," *Computers in Human Behavior*, vol. 64, pp. 829–842, Nov. 2016, doi: 10.1016/j.chb.2016.07.055.
- [51] J. Recker, *Scientific research in information systems: a beginner's guide*. Berlin Heidelberg: Springer, 2013.
- [52] E. Costa, A. L. Soares, and J. P. de Sousa, "Situating Case Studies Within the Design Science Research Paradigm: An Instantiation for Collaborative Networks," in *Collaboration in a Hyperconnected World*, vol. 480, H. Afsarmanesh, L. M. Camarinha-Matos, and A. Lucas Soares, Eds. Cham: Springer International Publishing, 2016, pp. 531–544. doi: 10.1007/978-3-319-45390-3\_45.
- [53] R. Blake and P. Mangiameli, "The Effects and Interactions of Data Quality and Problem Complexity on Classification," *J. Data and Information Quality*, vol. 2, no. 2, pp. 1–28, Feb. 2011, doi: 10.1145/1891879.1891881.
- [54] Z. Song, Y. Sun, J. Wan, and P. Liang, "Data quality management for service-oriented manufacturing cyber-physical systems," *Computers & Electrical Engineering*, vol. 64, pp. 34–44, Nov. 2017, doi: 10.1016/j.compeleceng.2016.08.010.
- [55] A. Parssian, "Managerial decision support with knowledge of accuracy and completeness of the relational aggregate functions," *Decision Support Systems*, vol. 42, no. 3, pp. 1494–1502, Dec. 2006, doi: 10.1016/j.dss.2005.12.005.
- [56] S. de F. Mendes Sampaio, C. Dong, and P. Sampaio, "DQ2S – A framework for data quality-aware information management," *Expert Systems with Applications*, vol. 42, no. 21, pp. 8304–8326, Nov. 2015, doi: 10.1016/j.eswa.2015.06.050.
- [57] Mosley, Mark, et al., "DAMA guide to the data management body of knowledge.", Technics Publications, 2010.
- [58] R. Y. Wang, Y. W. Lee, and D. M. Strong, "Manage your infomation as a product," 1998.