DAFTAR PUSTAKA

Abbasi, A., Sarker, S., & Chiang, R. H. L. (2016). Big data research in information systems: Toward an inclusive research agenda. *Journal of the Association of Information Systems*. https://doi.org/10.1017/CBO9781107415324.004

Acharya, A., Singh, S. K., Pereira, V., & Singh, P. (2018). Big data, knowledge co-creation and decision making in fashion industry. *International Journal of Information Management*. https://doi.org/10.1016/j.ijinfomgt.2018.06.008

Agrawal, D. (2014). Analytics based decision making. *Journal of Indian Business Research*. https://doi.org/10.1108/JIBR-09-2014-0062

Ahmed, E., Yaqoob, I., Hashem, I. A. T., Khan, I., Ahmed, A. I. A., Imran, M., & Vasilakos, A. V. (2017). The role of big data analytics in Internet of Things. *Computer Networks*. https://doi.org/10.1016/j.comnet.2017.06.013

Akter, M., Hoque, M., & Chowdhury, L. A. M. (2016). A Perception Analysis of Financial and Non-Financial Performance Measurement for Banking Sektor in Bangladesh : A Structural Equation Modeling Approach. *Special International Edition*.

Anderson-Lehman, R., Watson, H. J., Wixom, B. H., & Hoffer, J. A. (2004). Continental Airlines Flies High With Real-Time Business Intelligence. *MIS Quarterly Executive*. https://doi.org/10.1201/1078.10580530/45769.23.1.20061201/91768.2

Arora, Shivam. 2017. "Data Science v Big Data v Data Analytic". *Simplilearn,* 14 Mei. Diakses pada 2 Januari 2018. https://www.simplilearn.com/data-science-vs-big-data-vs-data-analytics-article

Brynjolfsson, E., Hitt, L. M., & Kim, H. H. (2011). *Strength in Numbers: How Does Data-Driven Decisionmaking Affect Firm Performance? SSRN*. https://doi.org/10.2139/ssrn.1819486

Buchanan, Robert Angus. 2015. "History of Technology." *Britannica,* 02 Juni. Diakses pada 2 Januari 2018. https://www.britannica.com/technology/history-of-technology

Bumblauskas, D., Nold, H., Bumblauskas, P., & Igou, A. (2017). Big data analytics: transforming data to action. *Business Process Management Journal*.

https://doi.org/10.1108/BPMJ-03-2016-0056

Chan, H. K., Lacka, E., Yee, R. W. Y., & Lim, M. K. (2017). The role of social media data in operations and production management. *International Journal of Production Research*. https://doi.org/10.1080/00207543.2015.1053998

Chen, D. Q., Preston, D. S., & Swink, M. (2015). How the use of big data analytics affects value creation in supply chain management. *Journal of Management Information Systems*. https://doi.org/10.1080/07421222.2015.1138364

Chen, H., Chiang, R. H. L., & Storey, V. C. (2012). Business Intelligence and Analytics: From Big Data To Big Impact. *Mis Quarterly*. https://doi.org/10.1145/2463676.2463712

Christensen, C. M., Raynor, M. E., Rory, M., & McDonald, R. (2015). What is disruptive innovation. *Harvard Business Review*, *93*(12), 44–53. https://doi.org/10.1353/abr.2012.0147

Cooper, D. R., & Schindler, P. S. (2014). *Business Research Methods. Twelfth Edition*. *Business Research Methods*. https://doi.org/9781285401188

Davenport, T. H. (2013). Keep up with your quants. *Harvard Business Review*.

Davenport, T. H. (2014). How strategists use "big data" to support internal business decisions, discovery and production. *Strategy and Leadership*. https://doi.org/10.1108/SL-05-2014-0034

Davenport, T. H., Adams, L., Ahmad, Z. A., Karia, N., Anschutz, E. E., Becker, B., … Young, C. (2006). Competing on analytics. *Harvard Business Review*. https://doi.org/10.1177/2158244011433338

Davenport, T. H., Barth, P., & Bean, R. (2012). How "Big Data" Is Different. *MIT Sloan Management Review*.

Davenport, T. H., Harris, J., & Shapiro, J. (2010). Competing on talent analytics. *Harvard Business Review*. https://doi.org/Article

Ding, A. W., Li, S., & Chatterjee, P. (2015). Learning User Real-Time Intent for Optimal Dynamic Webpage Transformation. *Information Systems Research*. https://doi.org/10.1287/isre.2015.0568

Elgendy, N., & Elragal, A. (2014). Big Data Analytics: A Literature Review Paper. *Advances in Data Mining. Applications and Theoretical Aspects*.

https://doi.org/10.1007/978-3-319-08976-8_16

Elgendy, N., & Elragal, A. (2016). Big Data Analytics in Support of the Decision Making Process. In *Procedia Computer Science*. https://doi.org/10.1016/j.procs.2016.09.251

Erevelles, S., Fukawa, N., & Swayne, L. (2016). Big Data consumer analytics and the transformation of marketing. *Journal of Business Research*. https://doi.org/10.1016/j.jbusres.2015.07.001

Fang, B., & Zhang, P. (2016). Big data in finance. In *Big Data Concepts, Theories, and Applications*. https://doi.org/10.1007/978-3-319-27763-9_11

Ferguson, A. R., Nielson, J. L., Cragin, M. H., Bandrowski, A. E., & Martone, M. E. (2014). Big data from small data: data-sharing in the'long tail'of neuroscience. *Nature Neuroscience*. https://doi.org/10.1038/nn.3838

Fosso Wamba, S., Akter, S., Edwards, A., Chopin, G., & Gnanzou, D. (2015). How "big data" can make big impact: Findings from a systematic review and a longitudinal case study. *International Journal of Production Economics*. https://doi.org/10.1016/j.ijpe.2014.12.031

Fosso Wamba, S., Akter, S., Trinchera, L., & De Bourmont, M. (2018). Turning information quality into firm performance in the big data economy. *Management Decision*. https://doi.org/10.1108/MD-04-2018-0394

Gandomi, A., & Haider, M. (2015). Beyond the hype: Big data concepts, methods, and analytics. *International Journal of Information Management*, *35*(2), 137–144. https://doi.org/10.1016/j.ijinfomgt.2014.10.007

Germann, F., Lilien, G. L., Fiedler, L., & Kraus, M. (2014). Do Retailers Benefit from Deploying Customer Analytics? *Journal of Retailing*. https://doi.org/10.1016/j.jretai.2014.08.002

Goll, I., & Rasheed, A. M. A. (1997). Rational decision-making and firm performance: the moderating role of the environment. *Strategic Management Journal*. https://doi.org/10.1002/(SICI)1097-0266(199708)18:7<583::AID-SMJ907>3.0.CO;2-Z

Gunasekaran, A., Papadopoulos, T., Dubey, R., Wamba, S. F., Childe, S. J., Hazen, B., & Akter, S. (2017). Big data and predictive analytics for supply chain and

organizational performance. *Journal of Business Research*. https://doi.org/10.1016/j.jbusres.2016.08.004

Günther, W. A., Rezazade Mehrizi, M. H., Huysman, M., & Feldberg, F. (2017). Debating big data: A literature review on realizing value from big data. *Journal of Strategic Information Systems*. https://doi.org/10.1016/j.jsis.2017.07.003

Gupta, M., & George, J. F. (2016). Toward the development of a big data analytics capability. *Information and Management*. https://doi.org/10.1016/j.im.2016.07.004

Hagel, J. (2015). Bringing Analytics to Life. *Journal of Accountancy*.

Hair, J. F., Black, W. C., Babin, B. J., & Anderson, R. E. (2014). *Multivariate data analysis*. *Pearson custom library*. https://doi.org/10.1038/259433b0

Hambrick, D. C. (2007). Upper echelons theory: An update. *Academy of Management Review*. https://doi.org/10.5465/AMR.2007.24345254

Hofacker, C. F., Malthouse, E. C., & Sultan, F. (2016). Big Data and consumer behavior: imminent opportunities. *Journal of Consumer Marketing*. https://doi.org/10.1108/JCM-04-2015-1399

IDC. (2011). *Big Data: What it is and Why you should care. IDC*.

Janssen, M., van der Voort, H., & Wahyudi, A. (2017). Factors influencing big data decision-making quality. *Journal of Business Research*. https://doi.org/10.1016/j.jbusres.2016.08.007

Kambatla, K., Kollias, G., Kumar, V., & Grama, A. (2014). Trends in big data analytics. *Journal of Parallel and Distributed Computing*. https://doi.org/10.1016/j.jpdc.2014.01.003

Kohli, & Kettinger. (2004). Informating the Clan: Controlling Physicians' Costs and Outcomes. *MIS Quarterly*. https://doi.org/10.2307/25148644

Kościelniak, H., & Puto, A. (2015). BIG DATA in Decision Making Processes of Enterprises. *Procedia Computer Science*. https://doi.org/10.1016/j.procs.2015.09.053

Kovacs, O. (2018). The dark corners of industry 4.0 – Grounding economic governance 2.0. *Technology in Society*, *55*(April), 140–145.

https://doi.org/10.1016/j.techsoc.2018.07.009

Kunc, M. H., & Morecroft, J. D. W. (2010). Managerial decision making and firm performance under a resource-based paradigm. *Strategic Management Journal*. https://doi.org/10.1002/smj.858

Kung, L., Kung, H.-J., Jones-farmer, A., & Wang, Y. (2015). Managing Big Data for Firm Performance: a Configurational Approach. *Twenty-First Americas Conference on Information Systems*. https://doi.org/10.13140/RG.2.1.4847.9843

Lavalle, S., Lesser, E., Shockley, R., Hopkins, M. S., & Kruschwitz, N. (2011). Big Data, Analytics and the Path From Insights to Value. *MIT Sloan Management Review*. https://doi.org/10.0000/PMID57750728

Lee, J., Kao, H. A., & Yang, S. (2014). Service innovation and smart analytics for Industry 4.0 and big data environment. In *Procedia CIRP*. https://doi.org/10.1016/j.procir.2014.02.001

Levenson, A. (2018). Using workforce analytics to improve strategy execution. *Human Resource Management*, *57*(3), 685–700. https://doi.org/10.1002/hrm.21850

LIPI. 2011. Laman Youtube. Dikelola oleh LIPI. Diakses pada 2 Januari 2018. https://www.youtube.com/watch?v=aC2CmTTZTVU

Lucia-Palacios, L., Bordonaba-Juste, V., Polo-Redondo, Y., & Grünhagen, M. (2014). Technological opportunism effects on IT adoption, intra-firm diffusion and performance: Evidence from the U.S. and Spain. *Journal of Business Research*. https://doi.org/10.1016/j.jbusres.2013.05.004

Luo, X., Andrews, M., Fang, Z., & Phang, C. W. (2014). Mobile targeting: Does it work for everyone? *Journal of Mobile Marketing*. https://doi.org/10.2139%2Fssrn.2341865

McAfee, A., & Brynjolfsson, E. (2012). Big Data. The management revolution. *Harvard Buiness Review*. https://doi.org/10.1007/s12599-013-0249-5

McKinsey & Company. (2011). Big data: The next frontier for innovation, competition, and productivity. *McKinsey Global Institute*. https://doi.org/10.1080/01443610903114527

Milojicic, D. S., Kalogeraki, V., Lukose, R., Nagaraja, K., Pruyne, J., Richard, B., … Xu, Z. (2002). Peer-to-Peer Computing. *IEEE Internet Computing*. https://doi.org/10.1.1.16.6692

MIT Sloan Management Review. (2016). Lessons from Becoming a Data-Driven Organization. *MIT Sloan Management Review*. https://doi.org/10.1126/science.1203356

Moro, S., Cortez, P., & Rita, P. (2015). Business intelligence in banking: A literature analysis from 2002 to 2013 using text mining and latent Dirichlet allocation. *Expert Systems with Applications*. https://doi.org/10.1016/j.eswa.2014.09.024

Phillips-Wren, G., Iyer, L. S., Kulkarni, U., & Ariyachandra, T. (2015). Business analytics in the context of big data: A roadmap for research. *Communications of the Association for Information Systems*. https://doi.org/10.1109/MITP.2014.44

Point, A. S. A. P. (n.d.). SAP WP - Industry 4.0.

Popovič, A., Hackney, R., Coelho, P. S., & Jaklič, J. (2012). Towards business intelligence systems success: Effects of maturity and culture on analytical decision making. *Decision Support Systems*. https://doi.org/10.1016/j.dss.2012.08.017

Provost, F., & Fawcett, T. (2013). Data Science and its Relationship to Big Data and Data-Driven Decision Making. *Big Data*. https://doi.org/10.1089/big.2013.1508

Raguseo, E. (2018). Big data technologies: An empirical investigation on their adoption, benefits and risks for companies. *International Journal of Information Management*. https://doi.org/10.1016/j.ijinfomgt.2017.07.008

Rowley, J. (2007). The wisdom hierarchy: Representations of the DIKW hierarchy. *Journal of Information Science*. https://doi.org/10.1177/0165551506070706

Russom, P. (2011). Big Data analytics. *TDWI Best Practices Report, Fourth Quarter*. https://doi.org/10.1109/ICCICT.2012.6398180

Rust, R. T., & Huang, M.-H. (2014). The Service Revolution and the Transformation of Marketing Science. *Marketing Science*.

https://doi.org/10.1287/mksc.2013.0836

Sharma, R., Mithas, S., & Kankanhalli, A. (2014). Transforming decision-making processes: A research agenda for understanding the impact of business analytics on organisations. *European Journal of Information Systems*. https://doi.org/10.1057/ejis.2014.17

Sharma, R., Reynolds, P., Scheepers, R., Seddon, P. B., & Shanks, G. (2010). Business analytics and competitive advantage: A review and a research agenda. In *Frontiers in Artificial Intelligence and Applications*. https://doi.org/10.3233/978-1-60750-577-8-187

Sheng, J., Amankwah-Amoah, J., & Wang, X. (2017). A multidisciplinary perspective of big data in management research. *International Journal of Production Economics*. https://doi.org/10.1016/j.ijpe.2017.06.006

Soto-Acosta, P., Popa, S., & Palacios-Marqués, D. (2016). E-business, organizational innovation and firm performance in manufacturing SMEs: an empirical study in Spain. *Technological and Economic Development of Economy*. https://doi.org/10.3846/20294913.2015.1074126

Srivastava, U., & Gopalkrishnan, S. (2015). Impact of big data analytics on banking sektor: Learning for Indian Banks. In *Procedia Computer Science*. https://doi.org/10.1016/j.procs.2015.04.098

Telukdarie, A., Buhulaiga, E., Bag, S., Gupta, S., & Luo, Z. (2018). Industry 4.0 implementation for multinationals. *Process Safety and Environmental Protection*, *118*, 316–329. https://doi.org/10.1016/j.psep.2018.06.030

Theodosiou, M., & Katsikea, E. (2012). Antecedents and performance of electronic business adoption in the hotel industry. *European Journal of Marketing*. https://doi.org/10.1108/03090561211189329

Thirathon, U., Wieder, B., Matolcsy, Z., & Ossimitz, M. L. (2017a). Big Data, Analytic Culture and Analytic-Based Decision Making Evidence from Australia. In *Procedia Computer Science*. https://doi.org/10.1016/j.procs.2017.11.100

Thirathon, U., Wieder, B., Matolcsy, Z., & Ossimitz, M. L. (2017b). Big Data, Analytic Culture and Analytic-Based Decision Making Evidence from

Australia. *Procedia Computer Science*, *121*, 775–783. https://doi.org/10.1016/j.procs.2017.11.100

Tippins, M. J., & Sohi, R. S. (2003). IT competency and firm performance: Is organizational learning a missing link? *Strategic Management Journal*. https://doi.org/10.1002/smj.337

Wamba, S. F., Gunasekaran, A., Akter, S., Ren, S. J., Dubey, R., & Childe, S. J. (2017). Big data analytics and firm performance: Effects of dynamic capabilities. *Journal of Business Research*. https://doi.org/10.1016/j.jbusres.2016.08.009

White, M. (2012). Digital workplaces: Vision and reality. *Business Information Review*. https://doi.org/10.1177/0266382112470412

Wixom, B. H., Yen, B., & Relich, M. (2013). Maximizing value from business analytics. *MIS Quarterly Executive*. https://doi.org/10.1108/02635570910926564

Wu, J., Li, H., Cheng, S., & Lin, Z. (2016). The promising future of healthcare services: When big data analytics meets wearable technology. *Information & Management*. https://doi.org/10.1016/j.im.2016.07.003

Yu, Y., Duan, W., & Cao, Q. (2013). The impact of social and conventional media on firm equity value: A sentiment analysis approach. *Decision Support Systems*. https://doi.org/10.1016/j.dss.2012.12.028

Zakir, J., Seymour, T., & Berg, K. (2015). Big Data Analytics. *Issues in Information Systems*.