

Bibliography

- Abdullai, A.-R. L. (2018). *Dance with some and dine with others: Ecosystem strategy, multiple ecosystems and leadership roles*. School of Business and Management. <https://lutpub.lut.fi/handle/10024/158467>
- Abril-Pla, O., Andreani, V., Carroll, C., Dong, L., Fonnesbeck, C. J., Kochurov, M., Kumar, R., Lao, J., Luhmann, C. C., Martin, O. A., Osthege, M., Vieira, R., Wiecki, T., & Zinkov, R. (2023, September). PyMC: A modern, and comprehensive probabilistic programming framework in Python. *PeerJ Computer Science*, 9, e1516. <https://doi.org/10.7717/peerj-cs.1516>
- Adebiyi, O. O. (2023). Exploring the impact of predictive analytics on accounting and auditing expertise: A regression analysis of LinkedIn survey data. *SSRN Electronic Journal*. <https://doi.org/10.2139/ssrn.4626506>
- Aggarwal, C. C. (2018). *Neural networks and deep learning*. Springer International Publishing. <https://doi.org/10.1007/978-3-319-94463-0>
- Aguirre, S., & Rodriguez, A. (2017). Automation of a business process using Robotic Process Automation (RPA): A case study. In *Applied computer sciences in engineering* (pp. 65–71). https://doi.org/10.1007/978-3-319-66963-2_7
- Ahmad, A. Y. A. B. (2024). Ethical implications of artificial intelligence in accounting: A framework for responsible AI adoption in multinational corporations in Jordan. *International Journal of Data and Network Science*, 8(1), 401–414. <http://doi.org/10.5267/j.ijdns.2023.9.014>
- Ahmad, A. Y. A. B., Abusaimeh, H., Rababah, A., Alqsass, M., Al-Olima, N. H., & Hamdan, M. N. (2024). Assessment of effects in advances of accounting technologies on quality financial reports in Jordanian public sector. *Uncertain Supply Chain Management*, 12(1), 133–142. <https://doi.org/10.5267/j.uscm.2023.10.011>
- Aldboush, H. H. H., & Ferdous, M. (2023, July). Building trust in Fintech: An analysis of ethical and privacy considerations in the intersection of big data, AI, and customer trust. *International Journal of Financial Studies*, 11(3), 90. <https://doi.org/10.3390/ijfs11030090>
- Alfaiz, N. S., & Fati, S. M. (2022, February). Enhanced credit card fraud detection model using machine learning. *Electronics*, 11(4), 662. <https://doi.org/10.3390/electronics11040662>
- Ali, A., Ali, H., Saeed, A., Ahmed Khan, A., Tin, T. T., Assam, M., Ghadi, Y. Y., & Mohamed, H. G. (2023, September). Blockchain-powered healthcare systems: Enhancing scalability and security with hybrid deep learning. *Sensors*, 23(18), 7740. <https://doi.org/10.3390/s23187740>
- Alkan, B. Ş. (2022). How blockchain and artificial intelligence will effect the cloud-based accounting information systems? In S. B. Kahyaoğlu (Ed.), *The impact of artificial intelligence on governance, economics and finance* (pp. 107–119). https://doi.org/10.1007/978-981-16-8997-0_6

218 Bibliography

- Alkhudary, R., Belvaux, B., & Guibert, N. (2023, June). Understanding non-fungible tokens (NFTs): Insights on consumption practices and a research agenda. *Marketing Letters*, 34(2), 321–336. <https://doi.org/10.1007/s11002-022-09655-2>
- Alloui, H., & Mourdi, Y. (2023, September). Exploring the full potentials of IoT for better financial growth and stability: A comprehensive survey. *Sensors*, 23(19)–8015. <https://doi.org/10.3390/s23198015>
- Alonso Robisco, A., & Carbó Martínez, J. M. (2022, December). Measuring the model risk-adjusted performance of machine learning algorithms in credit default prediction. *Financial Innovation*, 8(1), 70. <https://doi.org/10.1186/s40854-022-00366-1>
- Alshehadeh, A. R., Elrefae, G. A., Belarbi, A. K., Qasim, A., & Al-Khawaja, H. A. (2023). The impact of business intelligence tools on sustaining financial report quality in Jordanian commercial banks. *Uncertain Supply Chain Management*, 11(4), 1667–1676. <https://doi.org/10.5267/j.uscm.2023.7.002>
- Avon, J. (2015). *Modeling functions and tools, the basics of financial modeling* (pp. 51–113). Apress. https://doi.org/10.1007/978-1-4842-0871-7_3
- Bakumenko, A., & Elragal, A. (2022, August). Detecting anomalies in financial data using machine learning algorithms. *Systems*, 10(5), 130. <https://doi.org/10.3390/systems10050130>
- Barr-Pulliam, D., Brown-Liburd, H. L., & Munoko, I. (2022, June). The effects of person-specific, task, and environmental factors on digital transformation and innovation in auditing: A review of the literature. *Journal of International Financial Management & Accounting*, 33(2), 337–374. <https://doi.org/10.1111/jifm.12148>
- Bharadiya, J. P. (2023, January). The role of machine learning in transforming business intelligence. *Utilizing AI and Smart Technology to Improve Sustainability in Entrepreneurship*, 4(1), 16–24. <https://doi.org/10.33545/27076571.2023.v4.i1a.60>
- Biasin, E., Yaşar, B., & Kamenjašević, E. (2023, November). New cybersecurity requirements for medical devices in the EU: The forthcoming European health data space, data act, and artificial intelligence act. *Law, Technology and Humans*, 5(2), 43–58. <https://doi.org/10.5204/lthj.3068>
- Bochkay, K., Brown, S. V., Leone, A. J., & Tucker, J. W. (2023, May). Textual analysis in accounting: What's next?*. *Contemporary Accounting Research*, 40(2), 765–805. <https://doi.org/10.1111/1911-3846.12825>
- Brody, A., & Couture, S. (2021, September). Ideologies and imaginaries in blockchain communities: The case of Ethereum. *Canadian Journal of Communication*, 46(3), 543–561. <https://doi.org/10.22230/cjc.2021v46n3a3701>
- Brown, C., Pan, D., & Wiersma, G. (2015, September). Advanced data analysis: From excel PivotTables to Microsoft Access. In *The importance of being earnest* (pp. 571–600). Against the Grain. <https://doi.org/10.5703/1288284315592>
- Calderon, T. G., Hesford, J. W., & Turner, M. J. (2022). A framework for integrating 'R' programming into the accounting curriculum. In *Advances in accounting education: Teaching and curriculum innovations* (pp. 209–232). <https://doi.org/10.1108/S1085-462220220000026012>
- Campbell, C., Ramamoorti, S., & Schulzke, K. (2022). Design thinking implications for accounting pedagogy in the brave, new DeFi World. In T. G. Calderon (Ed.), *Advances in accounting education: Teaching and curriculum innovations* (pp. 233–253). Emerald Publishing Limited. <https://doi.org/10.1108/S1085-462220220000026013>

- Canhoto, A. I., & Clear, F. (2020, March). Artificial intelligence and machine learning as business tools: A framework for diagnosing value destruction potential. *Business Horizons*, 63(2), 183–193. <https://doi.org/10.1016/j.bushor.2019.11.003>
- Carenys, J., & Moya, S. (2016, November). Digital game-based learning in accounting and business education. *Accounting Education*, 25(6), 598–651. <https://doi.org/10.1080/09639284.2016.1241951>
- Chang, R. M., Kauffman, R. J., & Kwon, Y. (2014, July). Understanding the paradigm shift to computational social science in the presence of big data. *Decision Support Systems*, 63, 67–80. <https://doi.org/10.1016/j.dss.2013.08.008>
- Chen, X., Cho, Y. H. (Tony), Dou, Y., & Lev, B. (2022, May). Predicting future earnings changes using machine learning and detailed financial data. *Journal of Accounting Research*, 60(2), 467–515. <https://doi.org/10.1111/1475-679X.12429>
- Cheng, C., Rhoades-Catanach, S., & Watson, L. (2023, November). Data analytics for undergraduate tax students: An Alteryx case study for MACRS depreciation. *Issues in Accounting Education*, 38(4), 145–164. <https://doi.org/10.2308/ISSUES-2022-005>
- Chowdhury, E. K. (2023). Integration of artificial intelligence technology in management accounting information system: An empirical study. In *Novel financial applications of machine learning and deep learning* (pp. 35–46). https://doi.org/10.1007/978-3-031-18552-6_3
- Christopher Westland, J. (2020). Fundamentals of auditing financial reports. *Audit Analytics*, 1–18. https://doi.org/10.1007/978-3-030-49091-1_1
- Cohendet, P., Grandadam, D., Mehouachi, C., & Simon, L. (2018, September). The local, the global and the industry common: The case of the video game industry. *Journal of Economic Geography*, 18(5), 1045–1068. <https://doi.org/10.1093/jeg/lby040>
- Confalonieri, R., Coba, L., Wagner, B., & Besold, T. R. (2021, January). A historical perspective of explainable Artificial Intelligence. *Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery*, 11(1). <https://doi.org/10.1002/widm.1391>
- Cooper, L. A., Holderness, D. K., Sorensen, T. L., & Wood, D. A. (2019, December). Robotic process automation in public accounting. *Accounting Horizons*, 33(4), 15–35. <https://doi.org/10.2308/acch-52466>
- Cram, W. A., Wang, T., & Yuan, J. (2023, May). Cybersecurity research in accounting information systems: A review and framework. *Journal of Emerging Technologies in Accounting*, 20(1), 15–38. <https://doi.org/10.2308/JETA-2020-081>
- Datta, I. (2023, June). Strategizing AI-powered middleware system design for Human Resources data management. *TechRxiv*. <https://doi.org/10.36227/techrxiv.22699786.v2>
- Davenport, T. H., & Patil, D. (2023). Data scientist: The sexiest job of the 21st century. *Harvard Business Review*. <https://hbr.org/2012/10/data-scientist-the-sexiest-job-of-the-21st-century>. Accessed on December 06, 2023.
- De Filippi, P., Mannan, M., & Reijers, W. (2020, August). Blockchain as a confidence machine: The problem of trust & challenges of governance. *Technology in Society*, 62, 101284. <https://doi.org/10.1016/j.techsoc.2020.101284>
- Desplebin, O., Lux, G., & Petit, N. (2021, December). To be or not to be: Blockchain and the future of accounting and auditing*. *Accounting Perspectives*, 20(4), 743–769. <https://doi.org/10.1111/1911-3838.12265>

220 Bibliography

- Dewi, I. G. A. A. O. (2022, January). Understanding data collection methods in qualitative research: The perspective of interpretive accounting research. *Journal of Tourism Economics and Policy*, 1(1), 23–34. <https://doi.org/10.38142/jtep.v1i1.105>
- Dhasarathan, C., Hasan, M. K., Islam, S., Abdullah, S., Mokhtar, U. A., Javed, A. R., & Goundar, S. (2023, February). COVID-19 health data analysis and personal data preserving: A homomorphic privacy enforcement approach. *Computer Communications*, 199, 87–97. <https://doi.org/10.1016/j.comcom.2022.12.004>
- Dhirani, L. L., Mukhtiar, N., Chowdhry, B. S., & Newe, T. (2023, January). Ethical dilemmas and privacy issues in emerging technologies: A review. *Sensors*, 23(3)–1151. <https://doi.org/10.3390/s23031151>
- Diane Janvrin, C. M. A. (2021). Textual analysis for accountants. *Strategic Finance*, 102(12), 46–53.
- Doekhi, R. J. M. (2023). The Intercompany settlement blockchain: Benefits, risks, and Internal IT-Controls. In E. Berghout, R. Fijneman, L. Hendriks, M. de Boer, & B.-J. Butijn (Eds.), *Advanced digital auditing: Theory and practice of auditing complex information systems and technologies* (pp. 47–87). Springer. https://doi.org/10.1007/978-3-031-11089-4_4
- Duan, H. K., Vassarhelyi, M. A., Codesso, M., & Alzamil, Z. (2023, March). Enhancing the government accounting information systems using social media information: An application of text mining and machine learning. *International Journal of Accounting Information Systems*, 48, 100600. <https://doi.org/10.1016/j.accinf.2022.100600>
- Duggineni, S. (2023, March). Data integrity controls: The universal basis for authenticity and reliability of data. *International Journal of Computer Science & Technology*, 7(1), 53–58. <https://ijcst.com.pk/index.php/IJCST/article/view/240>
- Elhalid, O. B., Alm Alhelal, Z., & Hassan, S. (2023). Exploring the fundamentals of Python programming: A comprehensive guide for beginners. *SSRN Electronic Journal*. <https://doi.org/10.2139/ssrn.4612765>
- Felski, E. (2023, March). Audit technologies used in practice and ways to implement these technologies into audit courses. *Journal of Accounting Education*, 62, 100827. <https://doi.org/10.1016/j.jaccedu.2022.100827>
- Fernandez, R. S., Hayes, K., & Gayoso, F. (2021). Artificial intelligence and NDE competencies. In *Handbook of nondestructive Evaluation 4.0* (pp. 1–53). Springer International Publishing. https://doi.org/10.1007/978-3-030-48200-8_24-1
- Fijałkowska, J., Hadro, D., Supino, E., & Klimczak, K. M. (2023, December). Intelligibility of communication with stakeholders after accounting system change: An exploratory data analysis of Italian universities. *Mediterranean Accountancy Research*. <https://doi.org/10.1108/MEDAR-01-2021-1175>
- Flick, C. (2022, December). A critical professional ethical analysis of Non-Fungible Tokens (NFTs). *Journal of Responsible Technology*, 12, 100054. <http://doi.org/10.1016/j.jrt.2022.100054>
- Florackis, C., Louca, C., Michaely, R., & Weber, M. (2022, December). Cybersecurity risk. *Review of Financial Studies*, 36(1), 351–407. <http://doi.org/10.1093/rfs/hhac024>
- Fülöp, M. T., Topor, D. I., Ionescu, C. A., Cifuentes-Faura, J., & Măgdaş, N. (2023, June). Ethical concerns associated with artificial intelligence in the accounting profession: A curse or a blessing? *Journal of Business Economics and Management*, 24(2), 387–404. <https://doi.org/10.3846/jbem.2023.19251>

- Gandhi, R., Khurana, S., & Manchanda, H. (2023). ETL data pipeline to analyze scraped data. In *Decision intelligence* (pp. 379–388). https://doi.org/10.1007/978-981-99-5997-6_33
- George, K., & Patatoukas, P. N. (2020). The blockchain evolution and revolution of accounting. In *Information for efficient decision making* (pp. 157–172). World Scientific. https://doi.org/10.1142/9789811220470_0006
- Gierend, K., Waltemath, D., Ganslandt, T., & Siegel, F. (2023, December). Traceable research data sharing in a German medical data integration center with FAIR (Findability, Accessibility, Interoperability, and Reusability)-geared provenance implementation: Proof-of-concept study. *JMIR Formative Research*, 7, e50027. <https://doi.org/10.2196/50027>
- Gill, S. S., Tuli, S., Xu, M., Singh, I., Vijay Singh, K., Lindsay, D., Tuli, S., Smirnova, D., Singh, M., Jain, U., Pervaiz, H., Sehgal, B., Kaila, S. S., Misra, S., Aslanpour, M. S., Mehta, H., Stankovski, V., & Garraghan, P. (2019, December). Transformative effects of IoT, Blockchain and Artificial Intelligence on cloud computing: Evolution, vision, trends and open challenges. *Internet of Things*, 8, 100118. <https://doi.org/10.1016/j.iot.2019.100118>
- Goh, C. (2023). Data dashboarding in accounting using Tableau. *Economics and Business Quarterly Reviews*, 6(1). https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4402840
- Golubeva, O. (2023, June). Accounting for transition: A literature review. *Journal of International Accounting, Auditing and Taxation*, 51, 100548. <https://doi.org/10.1016/j.intaccaudtax.2023.100548>
- Goodell, J. W., Kumar, S., Lim, W. M., & Pattnaik, D. (2021, December). Artificial intelligence and machine learning in finance: Identifying foundations, themes, and research clusters from bibliometric analysis. *Journal of Behavioral and Experimental Finance*, 32, 100577. <https://doi.org/10.1016/j.jbef.2021.100577>
- Gray, J., & Lee, L. (2023, May). Reuse and recycle: Infusing practice-driven cases with new life through new technologies. *Journal of Emerging Technologies in Accounting*, 20(1), 269–288. <https://doi.org/10.2308/JETA-2021-018>
- Han, H., Shiwakoti, R. K., Jarvis, R., Mordi, C., & Botchie, D. (2023, March). Accounting and auditing with blockchain technology and artificial intelligence: A literature review. *International Journal of Accounting Information Systems*, 48, 100598. <http://doi.org/10.1016/j.accinf.2022.100598>
- Hirsch, B., Seubert, A., & Sohn, M. (2015, September). Visualisation of data in management accounting reports. *Journal of Applied Accounting Research*, 16(2), 221–239. <https://doi.org/10.1108/JAAR-08-2012-0059>
- Hossain, M. Z. (2023). Emerging trends in forensic accounting: Data analytics, cyber forensic accounting, cryptocurrencies, and blockchain technology for fraud investigation and prevention. *SSRN Electronic Journal*. <https://doi.org/10.2139/ssrn.4450488>
- Hsieh, S.-F., & Brennan, G. (2022, September). Issues, risks, and challenges for auditing crypto asset transactions. *International Journal of Accounting Information Systems*, 46, 100569. <https://doi.org/10.1016/j.accinf.2022.100569>
- Ivanov, N., Yan, Q., & Kompalli, A. (2023). TxT: Real-time transaction encapsulation for Ethereum smart contracts. *IEEE Transactions on Information Forensics and Security*, 18, 1141–1155. <https://doi.org/10.1109/TIFS.2023.3234895>

222 Bibliography

- Jackson, D., Michelson, G., & Munir, R. (2023, March). Developing accountants for the future: New technology, skills, and the role of stakeholders. *Accounting Education*, 32(2), 150–177. <https://doi.org/10.1080/09639284.2022.2057195>
- Jauhainen, T., & Lehner, O. M. (2022). Good governance of AI and big data processes in accounting and auditing. In *Artificial intelligence in accounting* (pp. 119–181). Routledge. <https://doi.org/10.4324/9781003198123-9>
- Jayasuriya, D., & Sims, A. (2023, October). Not so new kid on the block: Accounting and valuation aspects of non-fungible tokens (NFTs). *Journal of Risk and Financial Management*, 16(11), 465. <http://doi.org/10.3390/jrfm16110465>
- Kajoskoski, K. (2021). *Visibility of activities driving the performance of accounts receivable management: Exploring effective visual communications*. <https://www.thesesu.fi/handle/10024/499141>
- Kass, D. H. (2023, September 13). Deloitte email breach, cybersecurity attack undisclosed publicly for months. *MSSP Alert*. <https://www.msspalert.com/news/deloitte-email-breach-cybersecurity-attack-undisclosed-publicly-months>
- Kemppi, T. (2013). *Business plan: Video game rental store*. HAAGA-HELIAMMATTIKORKEAKOULU. <https://www.thesesu.fi/handle/10024/55440>
- Keogh, B. (2019, January). From aggressively formalised to intensely in/formalised: Accounting for a wider range of videogame development practices. *Creative Industries Journal*, 12(1), 14–33. <https://doi.org/10.1080/17510694.2018.1532760>
- Khan, S. N., Loukil, F., Ghedira-Guegan, C., Benkhelifa, E., & Bani-Hani, A. (2021, September). Blockchain smart contracts: Applications, challenges, and future trends. *Peer-to-peer Networking and Applications*, 14(5), 2901–2925. <https://doi.org/10.1007/s12083-021-01127-0>
- Khanzada, T. J. S., Shahid, M. F., Mutahhar, A., Aslam, M. A., Ashari, R. B., Jamal, S., Nooruddin, M., & Siddiqui, S. (2023, October). Authenticity, and approval framework for bus transportation based on blockchain 2.0 technology. *Applied Sciences*, 13(20), 11323. <https://doi.org/10.3390/app132011323>
- King, D. L., Delfabbro, P. H., Gainsbury, S. M., Dreier, M., Greer, N., & Billieux, J. (2019, December). Unfair play? Video games as exploitative monetized services: An examination of game patents from a consumer protection perspective. *Computers in Human Behavior*, 101, 131–143. <https://doi.org/10.1016/j.chb.2019.07.017>
- Kitsantas, T., & Chytis, E. (2022, August). Blockchain technology as an ecosystem: Trends and perspectives in accounting and management. *Journal of Theoretical and Applied Electronic Commerce Research* 17(3), 1143–1161. <https://doi.org/10.3390/jtaer17030058>
- Kommunuri, J. (2022, August). Artificial intelligence and the changing landscape of accounting: A viewpoint. *Pacific Accounting Review*, 34(4), 585–594. <https://doi.org/10.1108/PAR-06-2021-0107>
- Kurani, A., Doshi, P., Vakharia, A., & Shah, M. (2023, February). A comprehensive comparative study of Artificial Neural Network (ANN) and Support Vector Machines (SVM) on stock forecasting. *Annals of Data Science*, 10(1), 183–208. <https://doi.org/10.1007/s40745-021-00344-x>
- Kuru, K. (2021, March). Management of geo-distributed intelligence: Deep insight as a service (DINSaaS) on Forged Cloud Platforms (FCP). *Journal of Parallel Distributed Computing*, 149, 103–118. <http://doi.org/10.1016/j.jpdc.2020.11.009>

- Lee, L., & Casterella, G. (2023, September). A mental model approach to teaching database querying skills with SQL and Alteryx. *Journal of Accounting Education*, 64, 100858. <https://doi.org/10.1016/j.jaccedu.2023.100858>
- Lee, J. H., Yip, J., Moore, A., Cho, Y., de Jong, Z., Kobashigawa, R., & Sanchez, A. E. (2023, January). Users' perspectives on ethical issues related to playing location-based augmented reality games: A case study of Pokémon GO. *International Journal of Human-Computer Interaction*, 39(2), 348–362. <https://doi.org/10.1080/10447318.2021.2012378>
- Lee, L., Kerler, W., & Ivancevich, D. (2018, January). Beyond excel: Software tools and the accounting curriculum. *AIS Educator Journal*, 13(1), 44–61. <https://doi.org/10.3194/1935-8156-13.1.44>
- Lewis, C., & Young, S. (2019, July). Fad or future? Automated analysis of financial text and its implications for corporate reporting. *Accounting and Business Research*, 49(5), 587–615. <https://doi.org/10.1080/00014788.2019.1611730>
- Li, J., & Lee, L. (2021, January). Teaching data joins: A conceptual approach using SQL, Alteryx, and Tableau. *AIS Educator Journal*, 16(1), 60–104. <https://doi.org/10.3194/1935-8156-16.1.60>
- Lin, D., Wu, J., Xuan, Q., & Tse, C. K. (2022, August). Ethereum transaction tracking: Inferring evolution of transaction networks via link prediction. *Physica A: Statistical Mechanics Its Applications*, 600, 127504. <https://doi.org/10.1016/j.physa.2022.127504>
- Linoff, G. S. (2015). *Data analysis using SQL and Excel*. John Wiley & Sons. <https://www.wiley.com/en-ae/Data+Analysis+Using+SQL+and+Excel%2C+2nd+Edition-p-9781119021445>
- Lo Piano, S. (2020, June). Ethical principles in machine learning and artificial intelligence: Cases from the field and possible ways forward. *Humanities and Social Sciences Communications*, 7(1), 9. <https://doi.org/10.1057/s41599-020-0501-9>
- Loughran, T., & McDonald, B. (2020, November). Textual analysis in finance. *Annual Review of Finance Economics*, 12(1), 357–375. <https://doi.org/10.1146/annurev-financial-012820-032249>
- Loughran, T., & McDonald, B. (2016, September). Textual analysis in accounting and finance: A survey. *Journal of Accounting Research*, 54(4), 1187–1230. <https://doi.org/10.1111/1475-679X.12123>
- Lucas, T. (2005). *Video game provisioning for the Indian telecommunications industry: Market analysis*. Simon Fraser University.
- Lundström, K., & Smedsaas, A. (2016). All your returns are belong to us: An exploratory study of how industry characteristics affect investments in the Swedish video game sector. <https://www.diva-portal.org/smash/record.jsf?pid=diva2%3A946315&dswid=6125>
- Mahtani, U. (2022). Fraudulent practices and blockchain accounting systems. *Journal of Accounting, Ethics Public Policy*, 23(1), 97–148. <https://ssrn.com/abstract=4036726>
- Majander, V. (2019). *Revenue models for video games*. Tieto- ja palvelujohdamisen laitos. <https://aaltodoc.aalto.fi/items/d07acc9f-3547-4315-8092-b57d955727b5>
- Marchand, A., & Hennig-Thurau, T. (2013, August). Value creation in the video game industry: Industry economics, consumer benefits, and research opportunities. *Journal of Interactive Marketing*, 27(3), 141–157. <https://doi.org/10.1016/j.intmar.2013.05.001>

224 Bibliography

- Maslin, J., & Maslin, M. (2023). Learning from the past: Applying concepts of the Sarbanes-Oxley Act to restore consumer trust in global data privacy. *SSRN Electronic Journal*. <https://doi.org/10.2139/ssrn.4545137>
- Miaoquan, X., Yu, K. W., Xuewen, L., Yi, W., Jun, Y., & Loang, O. K. (2023). The impact of digital transformation on financial reporting and analysis in the accounting industry. *International Journal of Accounting & Finance Business*, 8(50), 324–336. <https://doi.org/10.55573/IJAFB.085023>
- Moderno, O. B. D. S., Braz, A. C., & Nascimento, P. T. D. S. (2023, November). Robotic process automation and artificial intelligence capabilities driving digital strategy: A resource-based view. *Business Process Management Journal*. <https://doi.org/10.1108/BPMJ-08-2022-0409>
- Murphy-Hill, E., Jaspan, C., Sadowski, C., Shepherd, D., Phillips, M., Winter, C., Knight, A., Smith, E., & Jorde, M. (2021, March). What predicts software developers' productivity? *IEEE Transactions on Software Engineering*, 47(3), 582–594. <https://doi.org/10.1109/TSE.2019.2900308>
- Murray, A. (2022). The infamous VLOOKUP function. In *Advanced excel formulas* (pp. 329–372). Apress. https://doi.org/10.1007/978-1-4842-7125-4_7
- Nawari, N. O., & Ravindran, S. (2019, September). Blockchain and the built environment: Potentials and limitations. *Journal of Building Engineering*, 25, 100832. <https://doi.org/10.1016/j.jobe.2019.100832>
- Ng, C. F. (2019, January). A video game to supplement a hybrid principles of microeconomics course. *The Journal of Economic Education*, 50(1), 44–56. <https://doi.org/10.1080/00220485.2018.1551101>
- Ng, C. (2023, May). Teaching advanced data analytics, robotic process automation, and artificial intelligence in a graduate accounting program. *Journal of Emerging Technologies in Accounting*, 20(1), 223–243. <https://doi.org/10.2308/JETA-2022-025>
- Nguyen, T. T., Nguyen, L. A., Kend, M., & Pham, V. A. T. (2023). The challenges facing Vietnamese accountants and auditors with the adoption of emerging technologies. In *Handbook of big data and analytics in accounting and auditing* (pp. 41–63). Springer Nature. http://doi.org/10.1007/978-981-19-4460-4_3
- Nguyen, D. K., Sermpinis, G., & Stasinakis, C. (2023, March). Big data, artificial intelligence and machine learning: A transformative symbiosis in favour of financial technology. *European Financial Management*, 29(2), 517–548. <https://doi.org/10.1111/eufm.12365>
- Nickell, E. B., Schwebke, J., & Goldwater, P. (2023, September). An introductory audit data analytics case study: Using Microsoft Power BI and Benford's Law to detect accounting irregularities. *Journal of Accounting Education*, 64, 100855. <https://doi.org/10.1016/j.jaccedu.2023.100855>
- Nielsen, S. (2022, October). Management accounting and the concepts of exploratory data analysis and unsupervised machine learning: A literature study and future directions. *Journal of Accounting & Organizational Change*, 18(5), 811–853. <https://doi.org/10.1108/JAOC-08-2020-0107>
- Nielsen, I. E., Piyatilake, A., Thibbotuwawa, A., De Silva, M. M., Bocewicz, G., & Banaszak, Z. A. (2023). Benefits realization of Robotic Process Automation (RPA) initiatives in supply chains. *IEEE Access*, 11, 37623–37636. <https://doi.org/10.1109/ACCESS.2023.3266293>

- Nurlela, M. H., & Sitepu, I. P. B. (2022, December). Analysis of the application of accounting based on sak emkm to umkm febri stores in simpang empat district. *Jurnal Ekonomi*, 11(3), 1994–2007. <https://ejournal.seaninstitute.or.id/index.php/Ekonomi/article/view/1130>
- Nyumbeka, D. J. (2016). *Using data analysis and information visualization techniques to support the effective analysis of large financial data sets*. Nelson Mandela Metropolitan University. <https://core.ac.uk/download/pdf/145031487.pdf>
- O'Brien, A., & Stone, D. N. (2021, September). A case study in managing the analytics 'Iceberg': Data cleaning and management using Alteryx. *Journal of Emerging Technologies in Accounting*, 18(2), 221–245. <https://doi.org/10.2308/JETA-2020-037>
- Oliva, G. A., Hassan, A. E., & Jiang, Z. M. (2020, May). An exploratory study of smart contracts in the Ethereum blockchain platform. *Empirical Software Engineering*, 25(3), 1864–1904. <https://doi.org/10.1007/s10664-019-09796-5>
- Ozgur, C., Colliau, T., Rogers, G., & Hughes, Z. (2021, March). MatLab vs. Python vs. R. *Journal of Data Science*, 15(3), 355–372. [https://doi.org/10.6339/JDS.201707_15\(3\).0001](https://doi.org/10.6339/JDS.201707_15(3).0001)
- Paesano, A. (2023, October). Artificial intelligence and creative activities inside organizational behavior. *International Journal of Organizational Analysis*, 31(5), 1694–1723. <https://doi.org/10.1108/IJOA-09-2020-2421>
- Palma-Ruiz, J. M., Torres-Toukoumidis, A., González-Moreno, S. E., & Valles-Baca, H. G. (2022, February). An overview of the gaming industry across nations: Using analytics with power BI to forecast and identify key influencers. *Helion*, 8(2), e08959. <https://doi.org/10.1016/j.heliyon.2022.e08959>
- Parlier, J., & Lee, L. (2023, June). Inventory analytics: A teaching case using excel and Alteryx. *Journal of Accounting Education*, 63, 100848. <https://doi.org/10.1016/j.jacedu.2023.100848>
- Phillips, M., & Lu, J. (2018, April). A quick look at NVivo. *Journal of Electronic Resources Librarianship*, 30(2), 104–106. <https://doi.org/10.1080/1941126X.2018.1465535>
- Pilch, B. (2020, September). Profitability on an accrual and cash basis on the example of video game companies listed on the Warsaw Stock Exchange. *Zesz. Nauk. Małopolskiej Wyższej Szkoły Ekon. w Tarnowie*, 47(3), 31–38. <https://doi.org/10.25944/znmwse.2020.03.3138>
- Plattfaut, R., & Borghoff, V. (2022, June). Robotic process automation: A literature-based research agenda. *Journal of Information Systems*, 36(2), 173–191. <https://doi.org/10.2308/ISYS-2020-033>
- Prasanth, S., Ghosh, G., Gupta, P. K., Casapulla, C., & Giresini, L. (2023, January). Accounting for resilience in the selection of R factors for a RC unsymmetrical building. *Applied Sciences*, 13(3), 1316. <https://doi.org/10.3390/app13031316>
- Pröllochs, N., & Feuerriegel, S. (2020, January). Business analytics for strategic management: Identifying and assessing corporate challenges via topic modeling. *Information & Management*, 57(1), 103070. <https://doi.org/10.1016/j.im.2018.05.003>
- Provost, F., & Fawcett, T. (2013, March). Data science and its relationship to big data and data-driven decision making. *Big Data*, 1(1), 51–59. <https://doi.org/10.1089/big.2013.1508>
- Putra, R. R., & Nur Khalisa, S. (2023, October). The effect of accounting knowledge and education level on MSME performance with the application of accounting information systems and understanding of SAK EMKM as intervening variables. *Owner*, 7(4), 3741–3758. <https://doi.org/10.33395/owner.v7i4.1749>

226 Bibliography

- Qaisar, F., Shahab, H., Iqbal, M., Sargana, H. M., Aqeel, M., & Qayyum, M. A. (2023, March). Recent trends in cloud computing and IoT platforms for IT management and development: A review. *Pakistan Journal of Engineering and Technology*, 6(1), 98–105. <https://doi.org/10.51846/vol6iss1pp98-105>
- Qasim, A., & Kharbat, F. F. (2020, March). Blockchain technology, business data analytics, and artificial intelligence: Use in the accounting profession and ideas for inclusion into the accounting curriculum. *Journal of Emerging Technologies in Accounting*, 17(1), 107–117. <https://doi.org/10.2308/jeta-52649>
- Quinto, B. (2018). Big data visualization and data wrangling. In *Next-generation big data* (pp. 407–476). Apress. https://doi.org/10.1007/978-1-4842-3147-0_9
- Ramaj, B. Z., & Pjero, E. (2023, April). The implementation of accounting information systems for its role in marketing and management processes. *European Journal of Marketing and Economics*, 6(1), 28–38. <https://doi.org/10.2478/ejme-2023-0003>
- Rane, N. (2023). Role and challenges of ChatGPT and similar generative artificial intelligence in finance and accounting. *SSRN Electronic Journal*. <http://doi.org/10.2139/ssrn.4603206>
- Rankhambe, B. P., & Kaur Khanuja, H. (2019, September). A comparative analysis of blockchain platforms – Bitcoin and Ethereum. In *2019 5th International Conference on Computing, Communication, Control and Automation (ICCUBEA)* (pp. 1–7). IEEE. <https://doi.org/10.1109/ICCUBEA47591.2019.9129332>
- Rastogi, C., Tulio Ribeiro, M., King, N., Nori, H., & Amershi, S. (2023, August). Supporting human-AI collaboration in auditing LLMs with LLMs. In *Proceedings of the 2023 AAAI/ACM Conference on AI, Ethics, and Society* (pp. 913–926). New York, NY, USA, ACM. <https://doi.org/10.1145/3600211.3604712>
- Reis, J. (2023, December). Exploring applications and practical examples by streamlining Material Requirements Planning (MRP) with Python. *Logistics*, 7(4)–91. <https://doi.org/10.3390/logistics7040091>
- Roberts, C. (2022). *NFT's and corporate accounting*. <https://doi.org/10.13140/RG.2.2.31064.98564>
- Roberts, R., & Laramee, R. (2018, November). Visualising business data: A survey. *Information*, 9(11), 285. <https://doi.org/10.3390/info9110285>
- Robson, K., & Ezzamel, M. (2023, January). The cultural fields of accounting practices: Institutionalization and accounting changes beyond the organization. *Accounting, Organization and Society*, 104, 101379. <https://doi.org/10.1016/j.aos.2022.101379>
- Ryan, M. (2021). Ransomware revolution: The rise of a prodigious cyber threat. In *Advances in information security* (Vol. 85). Springer International Publishing. <https://doi.org/10.1007/978-3-030-66583-8>
- Saad, M., Lutfi, A., Almaiah, M. A., Alshira'h, A. F., Alshirah, M. H., Alqudah, H., Alkhassawneh, A. L., Alsyouf, A., Alrawad, M., & Abdelmaksoud, O. (2022, December). Assessing the intention to adopt cloud accounting during COVID-19. *Electronics*, 11(24), 4092. <https://doi.org/10.3390/electronics11244092>
- Safari, A., & Das, A. (2023, January). Entrepreneurial failure analysis using quality management approaches. *Total Quality Management Business Excellence*, 34(1–2), 235–260. <https://doi.org/10.1080/14783363.2022.2043739>

- Salgado, B. A. F. (2023). *Unlocking performance potential: Power BI implementation and its transformative impact on Proef's business intelligence*. Universidade do Porto.
- Samuel, J., & Maheswaran, C. P. (2023, June). Purchases insights using Alteryx as self-service analytics. In *2023 8th International Conference on Communication and Electronics Systems (ICCES)* (pp. 1644–1648). IEEE. <https://doi.org/10.1109/ICCES57224.2023.10192692>
- Saura, J. R. (2021, April). Using data sciences in digital marketing: Framework, methods, and performance metrics. *Journal Innovation & Knowledge*, 6(2), 92–102. <https://doi.org/10.1016/j.jik.2020.08.001>
- Savić, B., & Pavlović, V. (2023). Impact of digitalization on the accounting profession. In *Digital transformation of the financial industry* (pp. 19–34). https://doi.org/10.1007/978-3-031-23269-5_2
- Schoute, M. (2019, December). Teaching python to management accounting students: An illustration using support department cost-allocation methods. *Accounting Educator Journal*, 29(1). <https://www.aejournal.com/ojs/index.php/aej/article/view/565>
- Sheldon, M. D. (2022, September). Tracking tangible asset ownership and provenance with blockchain. *Journal of Information Systems*, 36(3), 153–175. <https://doi.org/10.2308/ISYS-2020-042>
- Shonazarovich, K. A. (2023). Improvement of accounting in state medical institutions. In *Proceedings of International Conference on Educational Discoveries and Humanities* (pp. 145–147). <https://econferenceseries.com/index.php/icedh/article/view/1897>
- Shuxiang, Z. (2023, June). Application of Hadoop cloud platform based on soft computing in financial accounting budget control. *Soft Computing*. <https://doi.org/10.1007/s00500-023-08797-3>
- Situmeang, F. B. I., Gemser, G., Wijnberg, N. M., & Leenders, M. A. A. (2016, August). Risk-taking behavior of technology firms: The role of performance feedback in the video game industry. *Technovation*, 54, 22–34. <https://doi.org/10.1016/j.technovation.2016.03.002>
- Souibgui, M., Atigui, F., Zammali, S., Cherfi, S., & Ben Yahia, S. (2019). Data quality in ETL process: A preliminary study. *Procedia Computer Science*, 159, 676–687. <https://doi.org/10.1016/j.procs.2019.09.223>
- Spears, J. L., & Cole, R. J. (2006). A preliminary investigation of the impact of the Sarbanes-Oxley Act on information security. In *Proceedings of the 39th Annual Hawaii International Conference on System Sciences (HICSS'06)* (p. 218c). IEEE. <https://doi.org/10.1109/HICSS.2006.24>
- Spraakman, G., Sanchez-Rodriguez, C., & Tuck-Riggs, C. A. (2021, January). Data analytics by management accountants. *Qualitative Research in Accounting and Management*, 18(1), 127–147. <https://doi.org/10.1108/QRAM-11-2019-0122>
- Stafie, G., & Grosu, V. (2023). The impact of artificial intelligence on accounting. In *Digital economy and the green revolution* (pp. 247–265). https://doi.org/10.1007/978-3-031-19886-1_18
- Stipić Vinšalek, V., Vičić, M., & Al Awamrah, M. (2023). Effects of protection cloud accounting and connection with the frequency of Cyber Attacks. https://doi.org/10.1007/978-3-031-43056-5_32

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- Stopiglia, F. S., Sierra, C. C., de Figueiredo, R. J. F., & de Oliveira Igarashi, M. (2022). The integration of Alteryx® and Microsoft power BI®: A case study. In *Proceedings of the 7th Brazilian Technology Symposium (BTSym'21)* (pp. 229–235). https://doi.org/10.1007/978-3-031-08545-1_21
- Surminski, N. (2023). The role of video game quality in financial markets. <https://www.diva-portal.org/smash/record.jsf?pid=diva2%3A1773250&dswid=7681>
- Syed, R., Suriadi, S., Adams, M., Bandara, W., Leemans, S. J. J., Ouyang, C., ter Hofstede, A. H. M., van de Weerd, I., Thandar Wynn, M., & Reijers, H. A. (2020, February). Robotic process automation: Contemporary themes and challenges. *Computers in Industry*, 115, 103162. <https://doi.org/10.1016/j.compind.2019.103162>
- Tan, S.-Y., & Chan, T. (2016, June). Defining and conceptualizing actionable insight: A conceptual framework for decision-centric analytics. <http://arxiv.org/abs/1606.03510>
- Tysiak, K. (2019, May 8). Wolters Kluwer takes services offline after malware attack. *Journal of Accountancy*. <https://www.journalofaccountancy.com/news/2019/may/wolters-kluwer-services-offline-malware-attack-201921176.html>
- Uspenskiy, M. B., Smirnov, S. V., Loginova, A. V., & Shirokova, S. V. (2019, October). Modelling of complex project management system in the field of information technologies. In *2019 III International Conference on Control in Technical Systems (CTS)* (pp. 11–14). IEEE. <https://doi.org/10.1109/CTS48763.2019.8973245>
- Valadares, J. A., Villela, S. M., Bernardino, H. S., Gonçalves, G. D., & Vieira, A. B. (2023, November). Mapping user behaviors to identify professional accounts in Ethereum using semi-supervised learning. *Expert Systems with Applications*, 229, 120438. <https://doi.org/10.1016/j.eswa.2023.120438>
- Vedapradha, R., & Ravi, H. (2023, February). Blockchain: An EOM approach to reconciliation in banking. *Innovation & Management Review*, 20(1), 17–27. <https://doi.org/10.1108/INMR-05-2020-0060>
- Vigliotti, M. G. (2020, September 16). What do we mean by smart contracts? Open challenges in smart contracts. *Frontiers*. <https://www.frontiersin.org/articles/10.3389/fbloc.2020.553671/full>
- Wagner, J. M., & Keisler, J. (2006). Enhance your own research productivity using spreadsheets. In *Models, methods, and applications for innovative decision making* (pp. 148–162). Informs. <https://doi.org/10.1287/educ.1063.0028>
- Wang, L., Zhang, X., Li, Q., Zhang, M., Su, H., Zhu, J., & Zhong, Y. (2023, November). Incorporating neuro-inspired adaptability for continual learning in artificial intelligence. *Nature Machine Intelligence*, 5(12), 1356–1368. <https://doi.org/10.1038/s42256-023-00747-w>
- Wang, Y., Han, J. H., & Beynon-Davies, P. (2019, January). Understanding blockchain technology for future supply chains: A systematic literature review and research agenda. *Supply Chain Management an International Journal*, 24(1), 62–84. <https://doi.org/10.1108/SCM-03-2018-0148>
- Wilson, K. B., Karg, A., & Ghaderi, H. (2022, September). Prospecting non-fungible tokens in the digital economy: Stakeholders and ecosystem, risk and opportunity. *Business Horizons*, 65(5), 657–670. <https://doi.org/10.1016/j.bushor.2021.10.007>
- Wouters, M., & Wilderom, C. (2008, May). Developing performance-measurement systems as enabling formalization: A longitudinal field study of a logistics department. *Accounting, Organizations and Society*, 33(4–5), 488–516. <https://doi.org/10.1016/j.aos.2007.05.002>

- Zhang, Y. (2023). Python data analysis techniques in administrative information integration management system. In *Proceedings of the 4th International Conference on Big Data Analytics for Cyber-Physical System in Smart City* (Vol. 2, pp. 288–295). https://doi.org/10.1007/978-981-99-1157-8_35
- Zhang, W., & Anand, T. (2022). Blockchain implementations overview: Bitcoin, Ethereum, and Hyperledger In *Blockchain and Ethereum smart contract solution development* (pp. 163–206). Apress. https://doi.org/10.1007/978-1-4842-8164-2_5
- Zhang, C., Issa, H., Rozario, A., & Soegaard, J. S. (2023, March). Robotic Process Automation (RPA) implementation case studies in accounting: A beginning to end perspective. *Accounting Horizons*, 37(1), 193–217. <https://doi.org/10.2308/HORIZONS-2021-084>
- Zhang, C., & Stone, D. N. (2023, May). Integrating Alteryx designer and tableau desktop into the AIS course: An analytics mindset model. *Issues in Accounting Education*, 38(2), 35–61. <https://doi.org/10.2308/ISSUES-2021-103>
- Zhang, Y., Xiong, F., Xie, Y., Fan, X., & Gu, H. (2020). The impact of artificial intelligence and blockchain on the accounting profession. *IEEE Access*, 8, 110461–110477. <https://doi.org/10.1109/ACCESS.2020.3000505>
- Zhang, C., Zhu, W., Dai, J., Wu, Y., & Chen, X. (2023, June). Ethical impact of artificial intelligence in managerial accounting. *International Journal of Accounting Information Systems*, 49, 100619. <https://doi.org/10.1016/j.accinf.2023.100619>
- Zincir-Heywood, N., Mellia, M., & Diao, Y. (2021). Overview of artificial intelligence and machine learning. In *Communication Networks and Service Management in the Era of Artificial Intelligence and Machine Learning* (pp. 19–32). Wiley. <https://doi.org/10.1002/9781119675525.ch2>