DAFTAR PUSTAKA

Alamsyah, A., Bratawisnu, M. K., & Sanjani, P. H. (2018). Finding Pattern in Dynamic Network Analysis. *2018 6th International Conference on Information and Communication Technology (ICoICT)*, 141–146. https://doi.org/10.1109/ICoICT.2018.8528779

Alamsyah, A., Ramadhani, D. P., & Kristanti, F. T. (2020). Event-Based Dynamic Banking Network Exploration for Economic Anomaly Detection. *Journal of Theoretical and Applied Information Technology*, 7(98), 1089–1100.

Alamsyah, A., Ramadhani, D. P., Kristanti, F. T., & Khairunnisa, K. (2022). Transaction Network Structural Shift under Crisis: Macro and Micro Perspectives. *Economies*, *10*(3). https://doi.org/10.3390/economies10030056

Alhajj, R., & Rokne, J. (2014). *Encyclopedia of Social Network Analysis and Mining*. Springer Science+Business.

Anton Wahrstätter. (2022). *Ethereum-datafarm*. Github. https://github.com/Nerolation/ethereum-datafarm

Anugerah, A. R., Muttaqin, P. S., & Trinarningsih, W. (2022). Social network analysis in business and management research: A bibliometric analysis of the research trend and performance from 2001 to 2020. *Heliyon*, *8*(4). https://doi.org/10.1016/j.heliyon.2022.e09270

Ao, Z., Horvarth, G., & Zhang, L. (2023). Is decentralized finance actually decentralized? A social network analysis of the Aave protocol on the Ethereum blockchain. *Arxiv*, *arXiv:2206.08401v3*.

Atastina, I., Sitohang, B., Saptawati, G. A. P., & Moertini, V. S. (2017). A review of big graph mining research. *IOP Conference Series: Materials Science and Engineering*, *180*(1). https://doi.org/10.1088/1757-899X/180/1/012065

Baggio, R. (2017). Network science and tourism – the state of the art. *Tourism Review*, *72*(1), 120–131. https://doi.org/10.1108/TR-01-2017-0008

Bank Indonesia. (2020). *Sistem Pembayaran & Pengelolaan Uang Rupiah*. https://www.bi.go.id/id/fungsi-utama/sistem-pembayaran/default.aspx

Barabasi, A. L. (2016). THE CHARACTERISTICS OF NETWORK SCIENCE. In *Network Science*.

Briola, A., Vidal-Tomás, D., Wang, Y., & Aste, T. (2023). Anatomy of a Stablecoin's failure: The Terra-Luna case. *Finance Research Letters*, *51*, 103358. https://doi.org/10.1016/j.frl.2022.103358

Burhan, F. A. (2021, November 4). *Rug Pull, Modus Pengembang Kripto Squid Game Bawa Kabur Rp 48 M*. KataData. https://katadata.co.id/yuliawati/digital/618384e8e2d4f/rug-pull-modus-pengembang-kripto-squid-game-bawa-kabur-rp-48-m

Buyya, R., Calheiros, R. N., & Vahid Dastjerdi, A. (2016). *Big data : principles and paradigms*.

Chakrabarti, D. (2010). Graph Mining. In G. I. Sammut Claude and Webb (Ed.), *Encyclopedia of Machine Learning* (pp. 469–471). Springer US. https://doi.org/10.1007/978-0-387-30164-8_350

Chang, V., Hall, K., Xu, Q. A., Doan, L. M. T., & Wang, Z. (2022). A social network analysis of two networks: Adolescent school network and Bitcoin trader network. *Decision Analytics Journal*, *3*, 100065. https://doi.org/10.1016/j.dajour.2022.100065

Chen, J., Xia, X., Lo, D., & Grundy, J. (2022). Why Do Smart Contracts Self-Destruct? Investigating the Selfdestruct Function on Ethereum. *ACM Transactions on Software Engineering and Methodology*, *31*(2). https://doi.org/10.1145/3488245

Chen, T., Li, Z., Zhu, Y., Chen, J., Luo, X., Lui, J. C. S., Lin, X., & Zhang, X. (2020). Understanding Ethereum via Graph Analysis. *ACM Transactions on Internet Technology*, *20*(2). https://doi.org/10.1145/3381036

Chen, W., Zhang, T., Chen, Z., Zheng, Z., & Lu, Y. (2020). Traveling the token world: A graph analysis of Ethereum ERC20 token ecosystem. *The Web Conference 2020 - Proceedings of the World Wide Web Conference, WWW 2020*, 1411–1421. https://doi.org/10.1145/3366423.3380215

Cheng, A. (2021, December 2). *'Squid Game'-inspired cryptocurrency that soared by 23 million percent now worthless after apparent scam*. The Washington Post. https://www.washingtonpost.com/world/2021/11/02/squid-game-crypto-rug-pull/

Chia-Hsuan Yeh, & Chun-Yi Yang. (2015). Social Networks and Asset Price Dynamics. *IEEE Transactions on Evolutionary Computation*, *19*(3), 387–399. https://doi.org/10.1109/TEVC.2014.2322121

Chiesi, A. M. (2015). Network Analysis. In *International Encyclopedia of the Social & Behavioral Sciences: Second Edition* (pp. 518–523). Elsevier Inc. https://doi.org/10.1016/B978-0-08-097086-8.73055-8

Coingecko. (2022). *Top 100 DeFi Coins by Market Capitalization*. https://www.coingecko.com/en/categories/decentralized-finance-defi

CoinMarketCap. (2022, December 31). *Top DeFi Tokens by Market Capitalization*. https://coinmarketcap.com/view/defi/

Coinmarketcap.com. (2022, November). *Top DeFi Tokens by Market Capitalization*. https://coinmarketcap.com/view/defi/

Cong, L. W., & Xiao, Y. (2021). Categories and Functions of Crypto-Tokens. In *The Palgrave Handbook of FinTech and Blockchain* (pp. 267–284). Springer International Publishing. https://doi.org/10.1007/978-3-030-66433-6_12

Damalas, G., & Stafford, A. (2021). *How will decentralized finance shake up your industry?* https://www.ey.com/en_nl/consulting/how-will-decentralized-finance-shake-up-your-industry

Dapp.com. (2018). *Dappedia | A Useful Tool to Better Navigate on the Ethereum Blockchain*. https://medium.com/dapp-com/dappedia-a-useful-tool-to-better-navigate-on-the-ethereum-blockchain-etherscan-io-f2ca28e09e49

Dasgupta, S., & Grover, P. (2019). Critically evaluating SWIFT's strategy as a monopoly in the fintech business. *International Journal of Innovative Technology and Exploring Engineering*, *8*(12), 3839–3844. https://doi.org/10.35940/ijitee.L3355.1081219

De Collibus, F. M., Partida, A., & Piškorec, M. (2022). *The Role of Smart Contracts in the Transaction Networks of Four Key DeFi-Collateral Ethereum-Based Tokens* (pp. 792–804). https://doi.org/10.1007/978-3-030-93409-5_65

Dyson, S. F., Buchanan, W. J., & Bell, L. (2020). Scenario-based creation and digital investigation of ethereum ERC20 tokens. *Forensic Science International: Digital Investigation*, *32*. https://doi.org/10.1016/j.fsidi.2019.200894

Education Ecosystem (LEDU). (2020). *Detailed Guide on Etherscan Ethereum Developers APIs*. https://medium.com/@ledutokens/detailed-guide-on-etherscan-ethereum-developers-apis-5e12934f728a

Ehrlich, S. (2023, May 8). *What Is Crypto?* Forbes. https://www.forbes.com/sites/digital-assets/article/what-is-crypto/?sh=7b124315220c

Engel, J., Nardo, M., & Rancan, M. (2021). Network Analysis for Economics and Finance: An Application to Firm Ownership. In *Data Science for Economics and Finance* (pp. 331–355). Springer International Publishing. https://doi.org/10.1007/978-3-030-66891-4_14

Farrington, R. (2021). *Explaining DeFi And How It Will Revolutionize Financial Services*. https://www.forbes.com/sites/robertfarrington/2021/03/23/explaining-defi-and-how-it-will-revolutionize-financial-services/?sh=1d93c44b1d08

Fleder, M., Kester, M. S., & Pillai, S. (2014). *Bitcoin Transaction Graph Analysis*. http://bitcoin.org/en/download

Funes, A., & Dasso, A. (2018). Data Mining and the KDD Process. In *Encyclopedia of Information Science and Technology, Fourth Edition* (pp. 1919–1933). IGI Global. https://doi.org/10.4018/978-1-5225-2255-3.ch167

Gans, N., & Misra, A. (2021, October 21). *Cryptoassets Vs Cryptocurrencies : Are They The Same As Cryptocurrencies?* Rebellion Research.

Grassi, L., Lanfranchi, D., Faes, A., & Renga, F. M. (2022). Do we still need financial intermediation? The case of decentralized finance – DeFi. *Qualitative Research in Accounting and Management*, *19*(3), 323–347. https://doi.org/10.1108/QRAM-03-2021-0051

Gudes, E. (2010). *Graph and Web Mining-Motivation, Applications and Algorithms*. https://www.cs.helsinki.fi/u/langohr/graphmining/slides/chp1

Guo, D., Dong, J., & Wang, K. (2019). Graph structure and statistical properties of Ethereum transaction relationships. *Information Sciences*, *492*, 58–71. https://doi.org/10.1016/j.ins.2019.04.013

Helliar, C. V., Crawford, L., Rocca, L., Teodori, C., & Veneziani, M. (2020). Permissionless and permissioned blockchain diffusion. *International Journal of Information Management*, *54*, 102136. https://doi.org/10.1016/j.ijinfomgt.2020.102136

Husnan, S., & Pudjiastuti, E. (2004). *Dasar-dasar manajemen keuangan*. UPP AMP YKPN.

IBM. (n.d.). *What are smart contracts on blockchain?* Retrieved December 2, 2022, from https://www.ibm.com/topics/smart-contracts

John, J. (2020). *Decentralised Finance: Usecases & Risks for Mass Adoption*.

Joshi, A. P., & Patel, B. v. (2021). Data Preprocessing: The Techniques for Preparing Clean and Quality Data for Data Analytics Process. *Oriental*

Journal of Computer Science and Technology, *13*(0203), 78–81. https://doi.org/10.13005/ojcst13.0203.03

KPPU. (2017). *The Digital Economy in Indonesia*.

Lee, X. T., Khan, A., sen Gupta, S., Ong, Y. H., & Liu, X. (2020). Measurements, Analyses, and Insights on the Entire Ethereum Blockchain Network. *The Web Conference 2020 - Proceedings of the World Wide Web Conference, WWW 2020*, 155–166. https://doi.org/10.1145/3366423.3380103

Levis, D., Fontana, F., & Ughetto, E. (2021). A look into the future of blockchain technology. *PLoS ONE*, *16*(11 November). https://doi.org/10.1371/journal.pone.0258995

Miller, M. (2023, January 23). *FTX: Collapsed crypto giant recovers over $5bn of assets*. BBC. https://www.bbc.com/news/business-64245044

Motamed, A. P., & Bahrak, B. (2019). Quantitative analysis of cryptocurrencies transaction graph. *Applied Network Science*, *4*(1). https://doi.org/10.1007/s41109-019-0249-6

Nadini, M., Alessandretti, L., di Giacinto, F., Martino, M., Aiello, L. M., & Baronchelli, A. (2021). Mapping the NFT revolution: market trends, trade networks, and visual features. *Scientific Reports*, *11*(1), 20902. https://doi.org/10.1038/s41598-021-00053-8

Oracle. (2022). *What Is Big Data?* https://www.oracle.com/big-data/what-is-big-data/

Oxford Business Group. (2021). *Indonesia Digital Economy Covid-19 Recovery Roadmap*. https://oxfordbusinessgroup.com/news/report-how-important-will-indonesias-digital-economy-be-long-term-inclusive-growth

Pinheiro, Carlos. A. R. (2022). *Network Science: Analysis and Optimization Algorithms for Real-World Application*.

Popescu, A.-D. (2020). DECENTRALIZED FINANCE (DEFI)-THE LEGO OF FINANCE. *Social Sciences and Education Research Review*, *1*(7), 321–349. www.sserr.ro

Pratama, M. A. (2022, November 11). *INVESTASI KRIPTO: ANTARA UNTUNG, BUNTUNG DAN DEPRESI*. BI Institute. https://www.bi.go.id/id/bi-institute/BI-Epsilon/Pages/Investasi-Kripto-Antara-Untung,-Buntung-dan-Depresi.aspx

Prokhorenkova, P. L., Prałat, P., & Raigorodskii, A. (2016). Modularity of Complex Networks Models. In A. Bonato, F. C. Graham, & P. Prałat (Eds.), *Algorithms and Models for the Web Graph* (pp. 115–126). Springer International Publishing.

Raiyani, A. v. (2013). Graph Mining Approaches. *International Journal of Engineering Research & Technology (IJERT)*, *2*(12), 2303–2305. www.ijert.org

Ramadhani, D. P., & Alamsyah, A. (2018). *ANALISIS DINAMIKA TOPOLOGI JEJARING TRANSAKSI ANTAR-BANK DI INDONESIA PADA KEGIATAN PEMILIHAN UMUM PRESIDEN TAHUN 2014*.

Ravinder, D., & Anitha, M. (2013). Financial Analysis – A Study. *IOSR Journal of Economics and Finance (IOSR-JEF)*, *2*(3), 10–22.

Saurel, S. (2021, April). *What Is Wrapped Bitcoin (WBTC)? All you need to know*. In Bitcoin We Trust. https://www.inbitcoinwetrust.net/what-is-wrapped-bitcoin-wbtc-2f7c62188c19

Schär, F. (2021). Decentralized Finance: On Blockchain- and Smart Contract-Based Financial Markets. *Review*, *103*(2). https://doi.org/10.20955/r.103.153-74

Schenk, C. R. (2021). The global financial crisis and banking regulation: Another turn of the wheel? *Journal of Modern European History*, *19*(1), 8–13. https://doi.org/10.1177/1611894420974252

Schuh, G., Reinhart, G., Prote, J. P., Sauermann, F., Horsthofer, J., Oppolzer, F., & Knoll, D. (2019). Data mining definitions and applications for the management of production complexity. *Procedia CIRP*, *81*, 874–879. https://doi.org/10.1016/j.procir.2019.03.217

Sekaran, U., & Bougie, R. (2016). *Research Methods for Business* (7th ed.). Wiley. www.wileypluslearningspace.com

Sherman, N., & Tidy, J. (2022, November 11). *Crypto giant FTX collapses into bankruptcy*. BBC. https://www.bbc.com/news/business-63601213

Shift Markets. (2020). *What Are DeFi Tokens?. Decentralized Finance and DeFi Tokens*. https://shiftmarkets.medium.com/what-are-defi-tokens-c203c7de4c25

Sparks, R., Ickowicz, A., & Lenz, H. J. (2016). *An Insight on Big Data Analytics* (pp. 33–48). https://doi.org/10.1007/978-3-319-26989-4_2

Statista. (2022a). *Number of unique addresses that either bought or sold a Decentralized Finance (DeFi) asset worldwide from December 2017 to July 4, 2022*. Https://Www.Statista.Com/Statistics/1297745/Defi-User-Number/.

Statista. (2022b). *TVL (total value locked) across multiple Decentralized Finance (DeFi) blockchains from November 2018 to June 26, 2022*. Https://Www.Statista.Com/Statistics/1272181/Defi-Tvl-in-Multiple-Blockchains/. https://www.statista.com/statistics/1272181/defi-tvl-in-multiple-blockchains/

Sujarweni, Wiratna. , V. (2015). *Metodologi penelitian bisnis ekonomi* . Pustaka Baru.

Sundjaja, R. S., & Barlian, I. (2003). *Manajemen Keuangan 1*.

Susanto, H. (2014). *DATA MINING UNTUK MEMPREDIKSI PRESTASI SISWA BERDASARKAN SOSIAL EKONOMI, MOTIVASI, KEDISIPLINAN DAN PRESTASI MASA LALU*. *4*(2).

Tantardini, M., Ieva, F., Tajoli, L., & Piccardi, C. (2019). Comparing methods for comparing networks. *Scientific Reports*, *9*(1). https://doi.org/10.1038/s41598-019-53708-y

Tasca, P., & Tessone, C. J. (2018). *Taxonomy of Blockchain Technologies. Principles of Identification and Classification*. https://doi.org/http://dx.doi.org/10.2139/ssrn.2977811

Vedanayaki, M. (2014). Graph Mining Techniques, Tools and Issues - A Study. *Indian Journal of Science and Technology*, *7*, 188–190.

Visa. (2022). *DeFi: The new frontier of finance* .

Voshmgir, S. (2020). *Token Economy: How the Web3 reinvents the Internet* (2nd ed.). Token Kitchen.

Wang, S., Ouyang, L., Yuan, Y., Ni, X., Han, X., & Wang, F. Y. (2019). Blockchain-Enabled Smart Contracts: Architecture, Applications, and Future Trends. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, *49*(11), 2266–2277. https://doi.org/10.1109/TSMC.2019.2895123

Wu, B., & Duan, T. (2019). The Application of Blockchain Technology in Financial markets. *Journal of Physics: Conference Series*, *1176*(4). https://doi.org/10.1088/1742-6596/1176/4/042094

Wu, J., Liu, J., Zhao, Y., & Zheng, Z. (2020). *Analysis of Cryptocurrency Transactions from a Network Perspective: An Overview*. https://doi.org/10.1016/j.jnca.2021.103139

Yousaf, I., Jareño, F., & Tolentino, M. (2022). Connectedness between Defi assets and equity markets during COVID-19: A sector analysis. *Technological Forecasting and Social Change*, 122174. https://doi.org/10.1016/j.techfore.2022.122174

Zhang, G., Xu, L., & Xue, Y. (2017). Model and forecast stock market behavior integrating investor sentiment analysis and transaction data. *Cluster Computing*, *20*(1), 789–803. https://doi.org/10.1007/s10586-017-0803-x