

## DAFTAR PUSTAKA

- [1] turbostat(8) — linux-cpupower — debian testing — debian manpages. <https://manpages.debian.org/testing/linux-cpupower/turbostat.8.en.html>. Accessed: 2025-01-21.
- [2] Aritra Dasgupta, Dustin L. Arendt, Lyndsey R. Franklin, Pak Chung Wong, & Kristin A. Cook. Human factors in streaming data analysis: Challenges and opportunities for information visualization. *Computer Graphics Forum*, 37:254–272, 2018.
- [3] Rozeena Ebrahim, Fhatuwani Luvhengo, Mla Vilakazi, Lusani Mamushiane, & Albert A Lysko. Software tools for power consumption monitoring for open 5g and beyond research: Brief review, 2023.
- [4] Keijiro Fujita, Naohisa Sakamoto, Takanori Fujiwara, Toshiyuki Tsukamoto, & Jorji Nonaka. A visual analytics method for time-series log data using multiple dimensionality reduction, 2022.
- [5] Takanori Fujiwara, Jia Kai Chou, Shilpika, Panpan Xu, Liu Ren, & Kwan Liu Ma. An incremental dimensionality reduction method for visualizing streaming multidimensional data. *IEEE Transactions on Visualization and Computer Graphics*, 26:418–428, 1 2020.
- [6] Takanori Fujiwara, Shilpika, Naohisa Sakamoto, Jorji Nonaka, Keiji Yamamoto, & Kwan Liu Ma. A visual analytics framework for reviewing multivariate time-series data with dimensionality reduction. *IEEE Transactions on Visualization and Computer Graphics*, 27:1601–1611, 2 2021.
- [7] Suraj P. Kesavan, Takanori Fujiwara, Jianping Kelvin Li, Caitlin Ross, Misbah Mubarak, Christopher D. Carothers, Robert B. Ross, & KwanLiu Ma. A visual analytics framework for reviewing streaming performance data. 1 2020.

- [8] Alessio Netti, Woong Shin, Michael Ott, Torsten Wilde, & Natalie Bates. A conceptual framework for hpc operational data analytics.
- [9] J Nonaka, K Fujita, T Fujiwara, N Sakamoto, K Yamamoto, M Terai, T Tsukamoto, & F Shoji. Reflections on the developments of visual analytics systems for the k computer system log data. 2023.
- [10] Jorji Nonaka, Toshihiro Hanawa, & Fumiyoshi Shoji. Analysis of cooling water temperature impact on computing performance and energy consumption. volume 2020-September, halaman 169–175. Institute of Electrical and Electronics Engineers Inc., 9 2020.
- [11] Institute of Electrical, Electronics Engineers, and Germany) IEEE Conference on Visualization (2018 : Berlin. 2018 IEEE 8th Symposium on Large Data Analysis and Visualization (LDAV). 2018.
- [12] Renu Sabharwal and Shah Jahan Miah. A new theoretical understanding of big data analytics capabilities in organizations: a thematic analysis, 12 2021.
- [13] Fnu Shilpika, Takanori Fujiwara, Naohisa Sakamoto, Jorji Nonaka, & Kwan-Liu Ma. A visual analytics approach for hardware system monitoring with streaming functional data analysis. 11 2020.
- [14] Hanan Shukur, Subhi R. M. Zeebaree, Abdurraheem Jamil Ahmed, Rizgar R. Zebari, Omar Ahmed, Bareen Shams Aldeen Tahir, & Mohammed A. M.Sadeeq. A state of art: Survey for concurrent computation and clustering of parallel computing for distributed systems. Journal of Applied Science and Technology Trends, 1:148–154, 12 2020.
- [15] Masaaki Terai, Fumiyoshi Shoji, Toshiyuki Tsukamoto, & Yukihiro Yamochi. A study of operational impact on power usage effectiveness using facility metrics and server operation logs in the k computer. volume 2020- September, halaman 509–513. Institute of Electrical and Electronics Engineers Inc., 9 2020.

- [16] Jane-Ling Wang, Jeng-Min Chiou, & Hans-Georg Mueller. Review of functional data analysis. 7 2015.
- [17] Alam, M. A., Nabil, A. R., Mintoo, A. A., & Islam, A. (2024). Real-Time Analytics In Streaming Big Data: Techniques And Applications. Non Human Journal, 1(01), 104–122. <https://doi.org/10.70008/jeser.v1i01.56>
- [18] Gomes, H. M., Read, J., Bifet, A., Barddal, J. P., & Ao Gama, J. (n.d.). Machine learning for streaming data: state of the art, challenges, and opportunities.
- [19] Kolajo, T., Daramola, O., & Adebisi, A. (2019). Big data stream analysis: a systematic literature review. In Journal of Big Data (Vol. 6, Issue 1). SpringerOpen. <https://doi.org/10.1186/s40537-019-0210-7>
- [20] Mohammadi, M., Al-Fuqaha, A., Sorour, S., & Guizani, M. (2018). Deep learning for IoT big data and streaming analytics: A survey. In IEEE Communications Surveys and Tutorials (Vol. 20, Issue 4, pp. 2923–2960). Institute of Electrical and Electronics Engineers Inc. <https://doi.org/10.1109/COMST.2018.2844341>
- [21] Streaming Data Analytics-Background, Technologies, and Outlook. (n.d.).
- [22] Zhang, B., Jin, X., Ratnasamy, S., Wawrzynek, J., & Lee, E. A. (2018). Awstream: Adaptive wide-area streaming analytics. SIGCOMM 2018 - Proceedings of the 2018 Conference of the ACM Special Interest Group on Data Communication, 236–252. <https://doi.org/10.1145/3230543.3230554>
- [23] Dai, W., & Genton, M. G. (2017). Multivariate Functional Data Visualization and Outlier Detection. <http://arxiv.org/abs/1703.06419>
- [24] Nie, Y., Wang, L., Liu, B., & Cao, J. (2018). Supervised functional principal component analysis. Statistics and Computing, 28(3), 713–723. <https://doi.org/10.1007/s11222-017-9758-2>

- [25] Yao, F., Muller, H. G., & Wang, J. L. (2005). Functional linear regression analysis for longitudinal data. *Annals of Statistics*, 33(6), 2873–2903. <https://doi.org/10.1214/009053605000000660>
- [26] Alonso, A. M., Casado, D., & Romo, J. (2012). Supervised classification for functional data: A weighted distance approach. *Computational Statistics and Data Analysis*, 56(7), 2334–2346. <https://doi.org/10.1016/j.csda.2012.01.013>