

## DAFTAR PUSTAKA

- Aliandu, P., 2012, Analisis Sentimen Tweet Berbahasa Indonesia di Twitter, *Tesis*, Pascasarjana Ilmu Komputer, FMIPA UGM, Yogyakarta.
- Akaichi, J., 2013, Social Networks 'Facebook' Statutes Updates Mining For Sentiment Classification, *SocialCom.*, 135, 886-891.
- Boiy, E., Hens, P., Deschacht, K., dan Moens, M., 2007, Automatic Sentiment Analysis in On-line Text Concepts of Emotions in Written Text Concept of Emotions. *Proceedings ELPUB2007 Conference*, Electronic Publishing, Vienna, 138, 349-360.
- Böhm, C., Noll, R., Plant, C., Wackersretuther, B., dan Zherdin, A., 2009, Data Mining Using Graphics Processing Units, *Springer-Verlag*, Berlin Heidelberg, 5740, 69-90.
- Budianto, E., Prabowo, H., Hafiz, Nanda, M.K., Dahirsa, P., dan Faisal, T., 2011, Pemrograman Dasar dan Analisis Kinerja Aplikasi dalam Komputasi Menggunakan GPU. *Jurnal Ilmu Komputer dan Informasi UI*, Volume 4, Nomor 2, 92-97.
- Caruana, R. dan Niculescu-Mizil, A. 2006, An Empirical Comparison Of Supervised Learning Algorithms. *Proceedings of the 23rd international conference on Machine learning*, 23, 150-156.
- Chengpeng, Y., Zhanchun, G. dan Yanjun, J., 2013, *A GPU-based Native Bayesian algorithm for document classification.*, Computer science department, Beijing University of Post and Telecommunications, Beijing.
- Dwi, N.P. dan Winarko, E., 2014, Analisis Sentimen Twitter untuk Teks Berbahasa Indonesia dengan Maximum Entropy dan Support Vector Machine. *IJCCS*, 8 (No 1), 91-100.
- Fang, W., Lau, K.K., Lu., Xiao, X., Yang, P.Y. He, B., Luo, Q., Sander, P.V dan Yang, K., 2008, Parallel Data Mining on Graphics Processors. *Technical Report HKUST-CS08-07*. Hongkong., 07, 37-44.
- Garland M., Scott L. G., John N, Joshua, A., Jum, H., Scoot, M., Everet, P., Yao, Z., dan Vasily, V., 2008, Paralel Computing Experiences with CUDA, *IEEE Computer Society.*, 28, 13-27.

- Gorunescu, F., 2011, *Data Mining Concept Model Technique*, Springer, Romania.
- Hung, C.L., Lin, Y.L., Li K.C., Wang H.H., dan Guo, S.W., 2011, Efficient GPGPU-based Parallel Packet Classification. *The 6<sup>th</sup> International Conference on Frontier of Computer Science and Technology (FCST-11)*, 186, 1367-1374.
- Inam, R., 2010, An Algorithm for Multi-core Graphics processors, Chalmers University of Technology, Gothenburg, Sweden. <http://publications.lib.chalmers.se/publication/1291>., diakses tanggal 15 September 2015.
- Katkar, V.D., dan Kulkarni, S.V., 2013, A Novel Parallel Implementation of Naïve Bayesian Classifier for Big Data. *International Conference on Green Computing, Communication and Conservation of Energy (ICGCE)*, 978, 847-852.
- Kruengkrai, C., dan Jaruskulchai, C., 2002, A Parallel Learning Alorithm for Text Classification. *ACM SIGKDD '02 International Conference on Knowledge Discovery and Data Mining*, 567, 201-206.
- Masih, S. dan Tanwani, S., 2014, Data Mining Techniques in Parallel and Distributed Environment- A Comprehensive Survey. *International Journal of Emerging Technology and Advanced Engineering (IJETAE)*, 4, 453-461.
- Masyhudi, M.F.A., 2012, Algoritma Markov Clusterung Paralel untuk Pengelompokan Protein, *Skripsi*, Program Studi Matematika, FMIPA UI, Depok.
- Matloff, N., 2011, Programming on Parallel Machines, <http://heather.cs.ucdavis.edu/matloff/158/PLN/ParProcBook.pdf>, diakses 23 Juli 2015.
- Pak, A. dan Paroubek, P., 2010, Twitter as a Corpus for Sentiment Analysis and Opinion Mining, Universit'e de Paris-Sud, *Laboratoire LIMSI-CNRS*, Orsay Cedex, 1320-1326.
- Parhami, B., 2002, *Introduction to Parallel Processing Algorithm and Architectures*, Kluwer Academic Publishers, New York, Boston, Dordrecht, London, Moscow.
- Passonneau, R., Agarwal, A., Xie, B., Vovsha, I., dan Rambov, O., 2011, *Sentiment Analysis of Twitter Data*, Department of Computer Science Columbia University, New York.

- Putri, P.A., Ridok, A. dan Indriati, 2013, Implementasi Metode Improved K-Nearest Neighbor Pada Analisis Sentimen Twitter Berbahasa Indonesia. *Repositori jurnal Mahasiswa PTIIK UB*, 2 (number 2), p.87.
- Rozi, I.F., Hadi, S. dan Achmad, E., 2012, Implementasi Opinion Mining (Analisis Sentimen) untuk Ekstraksi Data Opini Publik pada Perguruan Tinggi, 6 (number 1), 37–43.
- Saif, H., He, Y. dan Alani, H., 2011, Semantic Smoothing for Twitter Sentiment Analysis. *Proceeding of the 10th International Semantic Web Conference (ISWC)*, United Kingdom. Dapat juga diakses secara online di <http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.306.5133>
- Saraswati, N.W.S., 2011, Text Mining Dengan Metode Naïve Bayes Classifier Dan Support Vector Machines Untuk Sentiment Analysis, *Tesis*, Universitas Udayana, Denpasar.
- Sun, M.P., Tickoo, O., Narayanan, dan V., Iyer, R., 2015, Platform-Aware Dynamic Configuration Support for Efficient Text Processing on Heterogeneous System, *Design, Automation & Test in Europe Conference & Exhibition (DATE)*, 978, 1503-1508.
- Turney, P.D., 2002, Thumbs Up or Thumbs Down? Semantic Orientation Applied to Unsupervised Classification of Reviews, In *Proceedings of the 40th Annual Meeting of the Association for Computational Linguistics*, July 6<sup>th</sup> 2002, 417-424.
- Twitter, 2016. Bantuan Twitter, <https://support.twitter.com/>, diakses tanggal 05 Agustus 2016.
- Vázquez, F., Ortega, G., Fernández, J.J., Garzón, E.M., 2010, Improving the Performance of the Sparse Matrix Vector Product with GPUs. *10th IEEE International Conference on Computer and Information Technology (CIT)*, pp.1146–1151.
- Viegas, F., Andrade, G., Almada, J., Ferreira, R., Gonçalves M., Ramos, G., Rocha, L., 2013, GPU-NB: A Fast CUDA-based Implementation of Naïve Bayes. *25<sup>th</sup> International Symposium on Computer Architecture and High Performance Computing*, pp.168-175.
- Wicaksono, A.F., Nio, E. dan Myaeng, S., 2013, *Unsupervised Approach for Sentiment Analysis on Indonesian Movie Reviews*, CISAK, Korea.
- Wilkinson, B., dan Allen, M., 2010. *Parallel Programming: Teknik dan Aplikasi*

*Menggunakan Jaringan Workstation & Komputer Paralel*. Edisi 2, diterjemahkan oleh: Syarif Hidayat, Yohanes Budi Santoso, Andreas Hery P., dan Rudyanto Himamunanto, Penerbit ANDI, Yogyakarta.

Wijaya, H., Erwin, A., Soetomo, A., dan Galinium, M., 2013, Twitter Sentiment Analysis and Insight for Indonesian Mobile Operators, *Information Systems International Conference (ISICO)*, 2-4 Desember 2013, 2-4.

Yusuf, N.M., dan Santika, D.D., 2011, Analisis Sentimen Pada Dokumen Berbahasa Indonesia Dengan Pendekatan Support Vector Machine, *Konferensi Nasional Sistem dan Informatika (KNSI)*, 12 November 2011, 9-14.

Zhou, L., Wang, H., dan Wang W., 2012, Parallel Implementation of Classification Algorithms Based on Cloud Computing Environment, *TELKOMNIKA Indonesian Journal of Electrical Engineering*, Vol 10 (No 5), 1087-1092.



UNIVERSITAS  
GADJAH MADA

**PARALELISASI NAIVE BAYES CLASSIFIERS UNTUK ANALISIS SENTIMEN TWEET MENGGUNAKAN  
GRAPHICS PROCESSING**

**UNIT Buka Kurung GPU Tutup Kurung**

ENY MARIA, Drs. Edi Winarko, M.Sc., Ph.D.

Universitas Gadjah Mada, 2016 | Diunduh dari <http://etd.repository.ugm.ac.id/>