



DAFTAR PUSTAKA

- [1] H. Li, Y. Chen, H. Ji, S. Muresan, and D. Zheng, “Combining social cognitive theories with linguistic features for multi-genre sentiment analysis,” *Proc. Pacific Asia Conf. Lang. Inf. Comput.*, no. 1, 2012.
- [2] B. O ’Connor, R. Balasubramanyan, B. R. Routledge, and N. a Smith, “From Tweets to Polls: Linking Text Sentiment to Public Opinion Time Series,” no. May, 2010.
- [3] “A World of Tweets.” [Online]. Available: <http://aworldoftweets.frogdesign.com/>. [Accessed: 03-Feb-2015].
- [4] K. Mouthami, K. N. Devi, and V. M. Bhaskaran, “Sentiment analysis and classification based on textual reviews,” *Inf. Commun. Embed. Syst. (ICICES), 2013 Int. Conf.*, pp. 271–276, 2013.
- [5] M. Choy, M. L. F. Cheong, M. N. Laik, and K. P. Shung, “A sentiment analysis of Singapore Presidential Election 2011 using Twitter data with census correction,” *arXiv.org*, vol. stat.AP, 2011.
- [6] A. Tumasjan, T. Sprenger, P. Sandner, and I. Welpe, “Predicting elections with Twitter: What 140 characters reveal about political sentiment,” *Proc. Fourth Int. AAAI Conf. Weblogs Soc. Media*, pp. 178–185, 2010.
- [7] Nurirwan Saputra, “Analisis Sentimen Berbasis Lexicon Dan Emoticon.” Yogyakarta, 2015.
- [8] G. A. Buntoro, “Analisis Sentimen Calon Presiden Indonesia 2014 dengan 5 Class Attribute,” Universitas Gadjah Mada, 2015.
- [9] A. F. Hidayatullah, J. Teknik, I. Fakultas, T. Industri, U. I. Indonesia, F. Matematika, U. G. Mada, and S. Sarjadi, “Analisis sentimen dan klasifikasi kategori terhadap tokoh publik pada twitter,” vol. 2014, no. semnasIF, pp. 115–122, 2014.
- [10] I. Sunni and D. H. Widjantoro, “Analisis Sentimen dan Ekstraksi Topik Penentu Sentimen pada Opini Terhadap Tokoh Publik,” vol. 1, no. 2, pp. 200–206, 2012.
- [11] N. Proollochs, S. Feuerriegel, and D. Neumann, “Enhancing sentiment analysis of financial news by detecting negation scopes,” *2015 48th Hawaii*



Int. Conf. Syst. Sci. (HICSS). Proc., pp. 959–968, 2015.

- [12] F. Sun, A. Belatreche, S. Coleman, T. M. McGinnity, and Y. Li, “Pre-processing online financial text for sentiment classification: A natural language processing approach,” *2014 IEEE Conf. Comput. Intell. Financ. Eng. Econ.*, no. 1, pp. 122–129, 2014.
- [13] S. Padmaja, “Comparison of the Scope of Negation in Online News Articles.”
- [14] E. Lapponi, J. Read, and L. Øvrelid, “Representing and resolving negation for sentiment analysis,” *Proc. - 12th IEEE Int. Conf. Data Min. Work. ICDMW 2012*, pp. 687–692, 2012.
- [15] N. Wayan, S. Saraswati, S. Prodi, T. Informatika, S. Denpasar, J. Tukad, and B. No, “Naïve Bayes Classifier Dan Support Vector Machines Untuk Sentiment Analysis,” pp. 2–4, 2013.
- [16] F. H. Feizar, N. Yudistira, P. Studi, T. Informatika, and U. Brawijaya, “Analisis Sentimen Opini Film Berbahasa Indonesia Berbasis Kamus Menggunakan Metode Neighbor-Weighted K-Nearest Neighbor.”
- [17] M. Dadvar, C. Hauff, and F. De Jong, “Scope of Negation Detection in Sentiment Analysis,” *Proc. Dutch-Belgian Inf. Retr. Work. (DIR 2011)*, pp. 16–20, 2011.
- [18] S. Padmaja, S;Fatima, S;Bandu, “Evaluating Sentiment Analysis Methods and Identifying Scope of Negation in Newspaper Articles,” *Int. J. Adv. Res. Artif. Intell.*, vol. 3, no. 11, pp. 1–6, 2014.
- [19] A. Hogenboom, P. Van Iterson, B. Heerschap, F. Frasincar, and U. Kaymak, “Determining negation scope and strength in sentiment analysis,” *Conf. Proc. - IEEE Int. Conf. Syst. Man Cybern.*, pp. 2589–2594, 2011.
- [20] I. G. Councill, R. McDonald, and L. Velikovich, “What’s great and what’s not: learning to classify the scope of negation for improved sentiment analysis,” *Proc. ACL Work. Negation Specul. Nat. Lang. Process. Uppsala Sweden*, no. July, p. 51, 2010.
- [21] Sudaryono, *Negasi dalam Bahasa Indonesia: Suatu Tinjauan Sintaktik dan Semantik*. Jakarta, 1992.
- [22] Nurfaalah Adiyasa, “Sentiment Analysis Menggunakan Pendekatan Lexicon-



- Based,” 2014. [Online]. Available: <https://adidella.wordpress.com/tag/lexicon-based/>.
- [23] G. Dziczkowski and K. Wegrzyn-Wolska, “An autonomous system designed for automatic detection and rating of film reviews,” *Proc. - 2008 IEEE/WIC/ACM Int. Conf. Web Intell. WI 2008*, no. 2, pp. 847–850, 2008.
- [24] A. Wicaksono, E. Nio, and S. Myaeng, “Unsupervised Approach for Sentiment Analysis on Indonesian Movie Reviews,” *Cisak 2013*, 2013.
- [25] W. B. Claster, M. Cooper, and P. Sallis, “Thailand - Tourism and conflict. Modeling sentiment from twitter tweets using na??ve bayes and unsupervised artificial neural nets,” *Proc. - 2nd Int. Conf. Comput. Intell. Model. Simulation, CIMSIm 2010*, pp. 89–94, 2010.
- [26] T. Ghorpade and L. Ragh, “Featured based sentiment classification for hotel reviews using NLP and Bayesian classification,” *Proc. - 2012 Int. Conf. Commun. Inf. Comput. Technol. ICCICT 2012*, pp. 1–5, 2012.
- [27] H. Wijaya, A. Erwin, A. Soetomo, and M. Galinium, “Twitter Sentiment Analysis and Insight for Indonesian Mobile Operators,” *Inf. Syst. Int. Conf.*, p. 367, 2013.
- [28] A. Bermingham and A. F. Smeaton, “On Using Twitter to Monitor Political Sentiment and Predict Election Results,” *Psychology*, pp. 2–10, 2011.
- [29] N. D. Putranti and E. Winarko, “Analisis Sentimen Twitter untuk Teks Berbahasa Indonesia dengan Maximum Entropy dan Support Vector Machine,” *Ijcss*, vol. 8, no. 1, pp. 91–100, 2014.
- [30] M. Ghiassi, J. Skinner, and D. Zimbra, “Twitter brand sentiment analysis: A hybrid system using n-gram analysis and dynamic artificial neural network,” *Expert Syst. Appl.*, vol. 40, no. 16, pp. 6266–6282, 2013.
- [31] H. Wang, D. Can, and A. Kazemzadeh, “A system for real-time twitter sentiment analysis of 2012 us presidential election cycle,” *Proc. ACL*, no. July, pp. 115–120, 2012.
- [32] S. Shahheidari, H. Dong, and M. N. R. Bin Daud, “Twitter sentiment mining: A multi domain analysis,” *Proc. - 2013 7th Int. Conf. Complex, Intelligent, Softw. Intensive Syst. CISIS 2013*, no. June, pp. 144–149, 2013.
- [33] M. Taboada, J. Brooke, M. Tofiloski, K. Voll, and M. Stede, “Lexicon-Based



- Methods for Sentiment Analysis," *Comput. Linguist.*, vol. 37, no. 2, pp. 267–307, 2011.
- [34] L. V. Avanco and M. D. G. V. Nunes, "Lexicon-Based Sentiment Analysis for Reviews of Products in Brazilian Portuguese," *2014 Brazilian Conf. Intell. Syst.*, pp. 277–281, 2014.
- [35] Z. Zhou, X. Zhang, and M. Sanderson, "Sentiment Analysis on Twitter through Topic-based Lexicon Expansion," *Databases Theory Appl.*, pp. 98–109, 2014.
- [36] P. Palanisamy, V. Yadav, and H. Elchuri, "Serendio : Simple and Practical lexicon based approach to Sentiment Analysis," *Second Jt. Conf. Lex. Comput. Semant. (*SEM), Vol. 2 Seventh Int. Work. Semant. Eval. (SemEval 2013)*, vol. 2, no. SemEval, pp. 543–548, 2013.
- [37] R. Suchdev, P. Kotkar, R. Ravindran, and S. Swamy, "Twitter Sentiment Analysis using Machine Learning and Knowledge-based Approach," *Int. J. Comput. Appl.*, vol. 103, no. 4, pp. 36–40, 2014.
- [38] C. Troussas, M. Virvou, K. J. Espinosa, K. Llaguno, and J. Caro, "Sentiment analysis of Facebook statuses using Naive Bayes Classifier for language learning," *IISA 2013 - 4th Int. Conf. Information, Intell. Syst. Appl.*, pp. 198–205, 2013.
- [39] J. Akaichi, "Social networks' Facebook' statutes updates mining for sentiment classification," *Proc. - Soc. 2013*, pp. 886–891, 2013.
- [40] I. Habernal, "Sentiment Analysis in Czech Social Media Using Supervised Machine Learning," no. June, pp. 65–74, 2013.
- [41] M. Généreux, T. Poibeau, and M. Koppel, "Sentiment analysis using automatically labelled financial news items," *Sentim. Anal. Using Autom. Label. Financ. News Items*, pp. 111–125, 2011.
- [42] D. Okanohara and J. Tsujii, "Assigning Polarity Scores to Reviews," vol. 0013, pp. 314–325, 2005.
- [43] Solahudin Anwar, "Analisis Sentimen pada Akun Twitter Provider Telekomunikasi," UNIKOM, 2015.
- [44] S. P. Bora, "Data mining and ware housing," *ICECT 2011 - 2011 3rd Int. Conf. Electron. Comput. Technol.*, vol. 1, pp. 1–5, 2011.



- [45] I. H. Witten, E. Frank, and M. a Hall, *Data Mining: Practical Machine Learning Tools and Techniques (Google eBook)*. 2011.
- [46] J. Han and M. Kamber, *Data Mining: Concepts and Techniques*, vol. 54, no. Second Edition. 2006.
- [47] A. Hotho, A. Nürnberg, and G. Paaß, “A Brief Survey of Text Mining,” *Forum Am. Bar Assoc.*, pp. 19–62, 2005.
- [48] B. Liu, “Sentiment Analysis and Opinion Mining,” *Synth. Lect. Hum. Lang. Technol.*, vol. 5, no. 1, pp. 1–167, 2012.
- [49] J. Asian, H. E. Williams, and S. M. M. Tahaghoghi, “Stemming Indonesian,” *Conf. Res. Pract. Inf. Technol. Ser.*, vol. 38, pp. 307–314, 2005.
- [50] P. P. Tardan, A. Erwin, and I. T. Faculty, “Automatic Text Summarization Based on Semantic Analysis Approach for Documents in Indonesian Language,” 2013.
- [51] J. Asian, “Effective Techniques for Indonesian Text Retrieval,” 2007.
- [52] F. Pisceldo, M. Adriani, and R. Manurung, “Probabilistic Part of Speech Tagging for Bahasa Indonesia,” *Proc. 3rd Int. MALINDO Work. Coloca. event ACL-IJCNLP*, 2009.
- [53] T. Brants, “TnT -- A Statistical Part-of-Speech Tagger,” no. i, pp. 224–231.
- [54] a. F. Wicaksono and a. Purwarianti, “HMM Based Part-of-Speech Tagger for Bahasa Indonesia,” *Proc. 4th Int. Malindo Work.*, 2010.
- [55] B. Tang, X. Wang, and X. Wang, “Comparisons of sequence labeling algorithms,” *ICIC Express Lett. Part B Appl.*, vol. 1, no. 2, pp. 241–246, 2010.
- [56] Q.-R. Zhang, L. Zhang, S.-B. Dong, and J.-H. Tan, “Document indexing in text categorization,” *2005 Int. Conf. Mach. Learn. Cybern.*, vol. 6, no. August, pp. 3792–3796 Vol. 6, 2005.
- [57] H.-B. S. Li-Ping Jing, Hou-Kuan Huang, “feature selection on TFIDF.pdf.” .
- [58] Zainil Abidin, “MODEL SISTEM PENDETEKSI DAN PENAPIS HALAMAN WEBSITE KONTEN NEGATIF (PORNO) BERBASIS



TEKS.” Yogyakarta, 2015.

- [59] D. T. Larose, *Data Mining Methods and Models*. 2005.
- [60] and G. H. Ashraf M. Kibriya, Eibe Frank, Bernhard Pfahringer, “Multinomial Naive Bayes for Text Categorization Revisited.” .
- [61] H. S. Manning, Christopher D., Prabhakar Raghavan, “An Introduction to Information Retrieval,” *Inf. Retr. Boston.*, no. c, pp. 1–18, 2009.
- [62] M. Sokolova and G. Lapalme, “A systematic analysis of performance measures for classification tasks,” *Inf. Process. Manag.*, vol. 45, no. 4, pp. 427–437, 2009.
- [63] P. Waila, S. Marisha, V. K. Singh, and M. K. Singh, “Evaluating Machine Learning and Unsupervised Semantic Orientation approaches for sentiment analysis of textual reviews,” *2012 IEEE Int. Conf. Comput. Intell. Comput. Res. ICCIC 2012*, no. c, 2012.
- [64] M. Kamayani and A. Purwarianti, “Dependency Parsing for Indonesian,” no. July, 2011.
- [65] B. Irmawati, H. Shindo, and Y. Matsumoto, “A Dependency Annotation Scheme for Indonesian,” no. C, pp. 3–6, 2015.
- [66] C. Chen, A. Liaw, and L. Breiman, “Using random forest to learn imbalanced data,” *Univ. California, Berkeley*, no. 1999, pp. 1–12, 2004.
- [67] “Applying Support Vector Machines to Imbalanced Data Sets (PDF Download Available).pdf.” .
- [68] A. Bisri and R. Satria Wahono, “Penerapan Adaboost untuk Penyelesaian Ketidakseimbangan Kelas pada Penentuan Kelulusan Mahasiswa dengan Metode Decision Tree,” *J. Intell. Syst.*, vol. 1, no. 1, pp. 27–32, 2015.
- [69] D. A. N. K. N. K-nn, “SENTIMENT ANALYSIS PADA TEKS BAHASA INDONESIA MENGGUNAKAN SUPPORT VECTOR MACHINE (SVM),” vol. 2015, no. Sentika, pp. 1–8, 2015.
- [70] M. Rushdi Saleh, M. T. Martín-Valdivia, A. Montejo-Ráez, and L. A. Ureña-López, “Experiments with SVM to classify opinions in different domains,” *Expert Syst. Appl.*, vol. 38, no. 12, pp. 14799–14804, 2011.



- [71] L. Zhang, R. Ghosh, M. Dekhil, M. Hsu, and B. Liu, “Combining lexiconbased and learning-based methods for twitter sentiment analysis,” *HP Lab. Tech.* ..., 2011.



**PENGARUH PENANGANAN NEGASI DALAM BAHASA INDONESIA UNTUK PELABELAN OTOMATIS
PADA ANALISIS SENTIMEN**

TWITTER

ANNISA MAULIDA NINGTYAS, Teguh Bharata Adji, S.T., M.T., M.Eng., Ph.D; Dr.Eng. Silmi Fauziati,S.T.,M.T.

UNIVERSITAS
GADJAH MADA

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



**PENGARUH PENANGANAN NEGASI DALAM BAHASA INDONESIA UNTUK PELABELAN OTOMATIS
PADA ANALISIS SENTIMEN**

TWITTER

ANNISA MAULIDA NINGTYAS, Teguh Bharata Adji, S.T., M.T., M.Eng., Ph.D; Dr.Eng. Silmi Fauziati,S.T.,M.T.

UNIVERSITAS
GADJAH MADA

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