

DAFTAR PUSTAKA

- Aldiansyah, G.W., Adikara, P.P. & Wihandika, R.C. (2019). Rekomendasi Lagu Cross Language Berdasarkan Lirik Menggunakan. *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, 3(8), 8036–8041.
- Alkaff, M., Rizky Baskara, A. & Hendro Wicaksono, Y. (2020). Sentiment Analysis of Indonesian Movie Trailer on YouTube Using Delta TF-IDF and SVM. *5th International Conference on Informatics and Computing (ICIC) 2020*, 1-5.
- Blanchette, J. (2008). *The Little Manual of API Design*. Oslo: Trolltech.
- Chang, C.Y., Lee, S.J., & Lai, C.C. (2017). Weighted Word2vec Based on The Distance of Words. *International Conference on Machine Learning and Cybernetics (ICMLC)*, 563-568.
- Dellia, P. & Tjahyanto, A. (2017). Tax Complaints Classification on Twitter Using Text Mining. *Journal of Science*, 2(1), 11-15.
- Febrianta, M.Y., Widiyanesti, S. & Ramadhan, S.R. (2021). Analisis Ulasan Indie Video Game Lokal pada Steam Menggunakan Analisis Sentimen dan Pemodelan Topik Berbasis Latent Dirichlet Allocation. *Journal of Animation and Games Studies*, 7(2), 117-144.
- Fuadi, T.M. & Aswita, D. (2021). Merdeka Belajar Kampus Merdeka (MBKM): Bagaimana Penerapan dan Kedala yang Dihadapi oleh Perguruan Tinggi Swasta di Aceh. *Jurnal Dedikasi Pendidikan*, 5(2), 603-614.
- Goldberg, Y., & Levy, O. (2014). Word2Vec Explained: Deriving Mikolov et al.'s Negative-Sampling Word-Embedding Method. *arXiv preprint arXiv:1402.3722*, 1-21.
- Herwijayanti, B., Ratnawati, D.E. & Muflikhah, L. (2018). Klasifikasi Berita Online dengan menggunakan Pembobotan TF-IDF dan Cosine Similarity. *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, 2(1), 306-312.
- Hsu, S. (2010). Developing a Scale for Teacher Integration of Information and Communication Technology in Grades 1–9. *Journal of Computer Assisted Learning*, 26(3), 175–189

- Ipmawati, J., Kusriani & Luthfi, E.T. (2017). Komparasi Teknik Klasifikasi Teks Mining Pada Analisis Sentimen. *Indonesian Journal on Networking and Security*, 6(1), 28–36.
- Isnain, A.R., Sakti, A.I., Alita, D. & Marga, N.S. (2021). Sentimen Analisis Publik Terhadap Kebijakan Lockdown Pemerintah Jakarta Menggunakan Algoritma Svm. *Jurnal Data Mining dan Sistem Informasi*, 2(1), 31-37.
- Juditha, C. (2018). Fenomena Trending Topic di Twitter: Analisis Wacana Twit# SaveHajiLulung. *Jurnal PIKOM (Penelitian Komunikasi dan Pembangunan)*, 16(2), 138-154.
- Jumeilah, F.S. (2017). Penerapan Support Vector Machine (SVM) untuk Pengkategorian Penelitian. *Jurnal RESTI (Rekayasa Sistem dan Teknologi Informasi)*, 1(1), 19–25.
- Khotimah, N. (2019). Analisis Sentimen Terhadap Review E-Commerce Dengan Metode Stochastic Gradient Descent. *Disertasi*. Universitas Muhammadiyah Semarang: Semarang.
- Kuhn, M. & Johnson, K. (2013). *Applied Predictive Modeling*. Springer: New York.
- Kurniawan, T. (2017). Implementasi Text mining pada Analisis Sentimen Pengguna Twitter Menggunakan Naïve Bayes Classifier dan Support Vector Machine. *Skripsi*. Institut Teknologi Sepuluh November: Surabaya.
- Lutfiyanto, M.D. & Setiawan, E.B. (2021). Expansion Feature Dengan Word2vec Untuk Analisis Sentimen Pada Opini Politik di Twitter Dengan Klasifikasi Support Vector Machine, Naïve Bayes dan Random Forest. *eProceedings of Engineering*, 8(5), 10399-10410.
- Mäntylä, M.V., Graziotin, D. & Kuutila, M. (2018). The evolution of sentiment analysis - A review of research topics, venues, and top cited papers. *Computer Science Review*, 27, 16-32.
- Maulana, M.A., Setyanto, A. & Kurniawan, M.P. (2018). Analisis Sentimen Media Sosial Universitas Amikom Yogyakarta Sebagai Sarana Penyebaran Informasi Menggunakan Algoritma Klasifikasi SVM. *Seminar Nasional Teknologi Informasi dan Multimedia*, 6(1), 7-12.

- Naufal, H.F. & Setiawan, E.B. (2021). Ekspansi Fitur Pada Analisis Sentimen Twitter Dengan Pendekatan Metode Word2vec. *eProceedings of Engineering*, 8(5), 10399-10349.
- Pertiwi, M.W. (2019). Analisis Sentimen Opini Publik Mengenai Sarana dan Transportasi Mudik Tahun 2019 Pada Twitter Menggunakan Algoritma Naïve Bayes, Neural Network, KNN Dan SVM. *Inti Nusa Mandiri*, 14(1), 27-32.
- Prabowo, H. (2020). *Pro dan Kontra atas Kebijakan 'Kampus Merdeka' Nadiem*. URL: <https://tirto.id/pro-dan-kontra-atas-kebijakan-kampus-merdeka-nadiem-evs2>. Diakses pada 24 Januari 2022.
- Pravina, A.M., Cholissodin, I. & Adikara, P.P. (2019). Analisis Sentimen Tentang Opini Maskapai Penerbangan pada Dokumen Twitter Menggunakan Algoritme Support Vector Machine (SVM). *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, 3(3), 2789-2797.
- Rachman, F.F. & Pramana, S. (2020). Analisis Sentimen Pro dan Kontra Masyarakat Indonesia tentang Vaksin COVID-19 pada Media Sosial Twitter. *Indonesian of Health Information Management Journal (INOHIM)*, 8(2), 100-109.
- Rahat, A.M., Kahir, A. & Masum, A.K.M. (2020). Comparison of Naive Bayes and SVM Algorithm based on Sentiment Analysis Using Review Dataset. *International Conference on System Modeling and Advancement in Research Trends*, 8(2), 266–270.
- Rahman, M. D., Djunaidy, A., & Mahananto, F. (2021). Penerapan Weighted Word Embedding pada Pengklasifikasian Teks Berbasis Recurrent Neural Network untuk Layanan Pengaduan Perusahaan Transportasi. *Jurnal Sains dan Seni ITS*, 10(1), A1-A6.
- Rangkuti, M. D. E. (2020). Analisis Topik Komentar Video Beberapa Akun Youtube E-Commerce Indonesia Menggunakan Metode Latent Dirichlet Allocation. *Skripsi*. Universitas Islam Negeri Syarif Hidayatullah Jakarta: Jakarta.
- Rashif, M. (2007). Adaptive Credit Scoring with Kernel Learning Methods. *The European Journal of Operational Research (EJOR)*, 3(183), 1521-1536.

- Rusli, M., Faisal, M.R. & Budiman, I. (2019). Ekstraksi Fitur Menggunakan Model Word2vec untuk Analisis Sentimen pada Komentar Facebook. *Soliter*, 2, 104-109.
- Sari, P.D. (2017). Analisis Credit Scoring Menggunakan Regresi Logistik LASSO dan Support Vector Machine (SVM). *Disertasi*. Institut Pertanian Bogor: Bogor.
- Triyantono, Y.S., Al Faraby, S. & Dwifebri, M. (2021). Analisis Sentimen Terhadap Ulasan Film Menggunakan Word2vec Dan SVM. *eProceedings of Engineering*, 8(4), 4136-4144.
- Turban, E. 2011. *Decision Support and Business Intelligence Systems*. Pearson Education: London.
- Xie, R., Chu, S.K.W., Chiu, D.K.W. & Wang, Y. (2021). Exploring Public Response To COVID-19 on Weibo with LDA Topic Modeling and Sentiment Analysis. *Data and Information Management*, 5(1), 86-99.
- Yao, L., Zhang, Y., Wei, B., Jin, Z., Zhang, R., Zhang, Y., & Chen, Q. (2017) Incorporating Knowledge Graph Embeddings into Topic Modeling. *Thirty-First AAAI Conference on Artificial intelligence*, 3119-3126.
- Yulita, W. (2021). Analisis Sentimen Terhadap Opini Masyarakat Tentang Vaksin Covid-19 Menggunakan Algoritma Naïve Bayes Classifier. *Jurnal Data Mining dan Sistem Informasi*, 2(2), 1-9.
- Zhang, L., Wang, S., & Liu, B. (2018). Deep Learning for Sentiment Analysis: A Survey Wiley Interdisciplinary Reviews. *Data Mining and Knowledge Discovery*, 1-17.
- Zuhdi, A.M., Utami, E. & Raharjo, S. (2019). Analisis sentiment twitter terhadap capres Indonesia 2019 dengan metode K-NN. *Jurnal Informa: Jurnal Penelitian dan Pengabdian Masyarakat*, 5(2), 1-7.

LAMPIRAN

LAMPIRAN

Lampiran 1 Ketetapan Model Klasifikasi Mesin Vektor Pendukung

<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>	<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>
100	2	15	linear	86.61	100	3	15	linear	86.06
			rbf	88.75				rbf	88.99
			sigmoid	83.37				sigmoid	78.07
			poly	85.90				poly	85.42
		16	linear	87.17			16	linear	87.25
			rbf	88.83				rbf	88.20
			sigmoid	80.84				sigmoid	81.07
			poly	86.85				poly	82.49
		17	linear	86.54			17	linear	87.41
			rbf	89.87				rbf	88.44
			sigmoid	84.25				sigmoid	80.04
			poly	85.35				poly	84.55
		18	linear	87.17			18	linear	86.45
			rbf	89.23				rbf	88.44
			sigmoid	83.06				sigmoid	80.13
			poly	85.74				poly	83.21
		19	linear	86.54			19	linear	87.80
			rbf	88.91				rbf	87.96
			sigmoid	82.35				sigmoid	77.04
			poly	85.58				poly	85.18
		20	linear	86.69			20	linear	86.85
			rbf	88.89				rbf	88.43
			sigmoid	84.41				sigmoid	77.98
			poly	85.74				poly	83.37
<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>	<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>
100	4	15	linear	87.27	100	5	15	linear	86.93
			rbf	88.20				rbf	87.96
			sigmoid	74.82				sigmoid	77.19
			poly	83.13				poly	81.23
		16	linear	87.49			16	linear	87.25
			rbf	88.99				rbf	87.25
			sigmoid	76.40				sigmoid	74.98
			poly	82.10				poly	81.39
		17	linear	88.04			17	linear	87.33
			rbf	88.52				rbf	88.35
			sigmoid	77.43				sigmoid	76.56
			poly	82.34				poly	83.13
		18	linear	87.57			18	linear	88.12
			rbf	88.59				rbf	88.12
			sigmoid	75.61				sigmoid	75.69
			poly	81.39				poly	81.39
		19	linear	87.65			19	linear	87.41
			rbf	88.20				rbf	88.51
			sigmoid	74.66				sigmoid	76.32
			poly	83.52				poly	81.62
		20	linear	88.28			20	linear	88.04
			rbf	88.12				rbf	87.88
			sigmoid	75.45				sigmoid	75.61
			poly	82.26				poly	83.92

Lampiran 1 Ketetapan Model Klasifikasi Mesin Vektor Pendukung (Lanjutan)

<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>	<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>
100	6	15	linear	86.85	100	7	15	linear	87.25
			rbf	88.28				rbf	87.41
			sigmoid	76.33				sigmoid	76.08
			poly	80.20				poly	80.91
		16	linear	87.25			16	linear	87.56
			rbf	88.67				rbf	87.40
			sigmoid	77.11				sigmoid	76.24
			poly	81.46				poly	81.31
		17	linear	87.17			17	linear	87.33
			rbf	88.51				rbf	87.80
			sigmoid	80.68				sigmoid	77.20
			poly	81.31				poly	81.15
		18	linear	88.12			18	linear	87.25
			rbf	88.28				rbf	87.33
			sigmoid	78.14				sigmoid	75.69
			poly	81.86				poly	81.23
		19	linear	86.70			19	linear	87.80
			rbf	88.52				rbf	86.85
			sigmoid	77.59				sigmoid	75.69
			poly	82.81				poly	81.07
		20	linear	86.22			20	linear	87.17
			rbf	87.80				rbf	87.48
			sigmoid	71.73				sigmoid	76.16
			poly	85.03				poly	81.31
<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>	<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>
200	2	15	linear	87.17	200	3	15	linear	87.32
			rbf	88.83				rbf	88.36
			sigmoid	86.06				sigmoid	74.74
			poly	85.58				poly	83.76
		16	linear	87.33			16	linear	87.32
			rbf	88.83				rbf	88.20
			sigmoid	84.87				sigmoid	78.70
			poly	83.84				poly	81.94
		17	linear	87.17			17	linear	87.32
			rbf	89.39				rbf	88.36
			sigmoid	84.01				sigmoid	79.09
			poly	83.69				poly	82.18
		18	linear	87.80			18	linear	87.16
			rbf	88.99				rbf	88.36
			sigmoid	84.40				sigmoid	76.95
			poly	84.79				poly	82.81
		19	linear	87.41			19	linear	87.25
			rbf	88.75				rbf	88.44
			sigmoid	85.35				sigmoid	79.01
			poly	84.32				poly	83.45
		20	linear	87.01			20	linear	87.88
			rbf	88.91				rbf	88.20
			sigmoid	84.48				sigmoid	78.94
			poly	84.08				poly	81.86

Lampiran 1 Ketetapan Model Klasifikasi Mesin Vektor Pendukung (Lanjutan)

<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>	<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>
200	4	15	linear	88.28	200	5	15	linear	88.19
			rbf	88.12				rbf	88.04
			sigmoid	76.24				sigmoid	76.04
			poly	81.39				poly	80.67
		16	linear	87.56			16	linear	87.80
			rbf	88.20				rbf	87.96
			sigmoid	76.88				sigmoid	77.35
			poly	81.86				poly	82.49
		17	linear	87.40			17	linear	87.72
			rbf	88.44				rbf	88.04
			sigmoid	77.91				sigmoid	76.72
			poly	82.18				poly	81.39
		18	linear	87.32			18	linear	88.20
			rbf	88.44				rbf	88.12
			sigmoid	76.24				sigmoid	75.69
			poly	82.50				poly	80.20
		19	linear	87.88			19	linear	87.40
			rbf	88.28				rbf	87.80
			sigmoid	77.99				sigmoid	77.19
			poly	82.65				poly	81.78
		20	linear	87.96			20	linear	88.04
			rbf	88.28				rbf	88.12
			sigmoid	76.95				sigmoid	74.89
			poly	81.55				poly	80.59
<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>	<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>
200	6	15	linear	87.96	200	7	15	linear	87.96
			rbf	88.04				rbf	87.14
			sigmoid	76.40				sigmoid	74.18
			poly	81.07				poly	81.94
		16	linear	87.96			16	linear	87.80
			rbf	88.04				rbf	87.41
			sigmoid	78.78				sigmoid	76.00
			poly	81.94				poly	80.91
		17	linear	88.04			17	linear	88.20
			rbf	87.33				rbf	88.28
			sigmoid	79.01				sigmoid	76.01
			poly	82.34				poly	81.78
		18	linear	87.80			18	linear	88.51
			rbf	87.65				rbf	88.12
			sigmoid	77.90				sigmoid	74.97
			poly	79.40				poly	82.10
		19	linear	88.60			19	linear	88.20
			rbf	88.52				rbf	87.56
			sigmoid	79.17				sigmoid	76.88
			poly	80.12				poly	80.28
		20	linear	88.44			20	linear	88.51
			rbf	88.20				rbf	87.33
			sigmoid	79.33				sigmoid	76.40
			poly	84.16				poly	80.04

Lampiran 1 Ketetapan Model Klasifikasi Mesin Vektor Pendukung (Lanjutan)

<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>	<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>
300	2	15	linear	85.98	300	3	15	linear	86.93
			rbf	88.83				rbf	87.88
			sigmoid	84.01				sigmoid	77.27
			poly	82.18				poly	81.78
	16	linear	85.90	linear		87.01			
		rbf	88.83	rbf		87.88			
		sigmoid	81.63	sigmoid		78.86			
		poly	83.92	poly		79.32			
	17	linear	85.98	linear		86.85			
		rbf	89.23	rbf		88.20			
		sigmoid	84.64	sigmoid		77.90			
		poly	82.26	poly		81.31			
	18	linear	86.29	linear		86.77			
		rbf	88.83	rbf		88.12			
		sigmoid	84.00	sigmoid		77.27			
		poly	81.78	poly		79.96			
	19	linear	86.61	linear		86.69			
		rbf	88.83	rbf		87.64			
		sigmoid	84.96	sigmoid		77.99			
		poly	82.26	poly		83.13			
20	linear	86.61	linear	87.96					
	rbf	88.83	rbf	87.88					
	sigmoid	83.93	sigmoid	76.96					
	poly	81.86	poly	83.57					
300	4	15	linear	87.17	300	5	15	linear	86.85
			rbf	88.12				rbf	87.40
			sigmoid	76.09				sigmoid	76.40
			poly	81.70				poly	80.59
	16	linear	86.61	linear		86.61			
		rbf	88.35	rbf		87.80			
		sigmoid	76.24	sigmoid		75.06			
		poly	81.70	poly		79.80			
	17	linear	87.72	linear		86.45			
		rbf	88.12	rbf		88.20			
		sigmoid	76.17	sigmoid		77.51			
		poly	80.83	poly		82.10			
	18	linear	87.09	linear		87.17			
		rbf	88.51	rbf		88.04			
		sigmoid	76.08	sigmoid		75.13			
		poly	81.94	poly		79.49			
	19	linear	86.61	linear		87.09			
		rbf	88.20	rbf		87.56			
		sigmoid	76.00	sigmoid		77.03			
		poly	80.12	poly		80.35			
20	linear	86.85	linear	86.77					
	rbf	88.20	rbf	87.33					
	sigmoid	75.92	sigmoid	76.08					
	poly	79.96	poly	80.51					

Lampiran 1 Ketetapan Model Klasifikasi Mesin Vektor Pendukung (Lanjutan)

<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>	<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>
300	6	15	linear	86.93	300	7	15	linear	87.09
			rbf	87.48				rbf	87.41
			sigmoid	78.94				sigmoid	76.09
			poly	81.46				poly	80.75
		16	linear	87.48			16	linear	87.17
			rbf	87.80				rbf	87.72
			sigmoid	76.80				sigmoid	76.80
			poly	79.17				poly	81.07
		17	linear	87.17			17	linear	86.85
			rbf	87.65				rbf	87.64
			sigmoid	77.51				sigmoid	76.32
			poly	79.56				poly	79.96
		18	linear	87.17			18	linear	86.38
			rbf	87.96				rbf	87.88
			sigmoid	78.93				sigmoid	75.21
			poly	80.75				poly	80.75
		19	linear	87.09			19	linear	86.45
			rbf	87.96				rbf	88.12
			sigmoid	80.20				sigmoid	75.84
			poly	78.93				poly	79.88
		20	linear	87.24			20	linear	86.85
			rbf	87.80				rbf	87.88
			sigmoid	78.85				sigmoid	75.45
			poly	80.75				poly	79.80
<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>	<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>
400	2	15	linear	86.53	400	3	15	linear	86.62
			rbf	89.07				rbf	88.59
			sigmoid	83.77				sigmoid	76.48
			poly	84.00				poly	81.86
		16	linear	85.90			16	linear	86.45
			rbf	89.15				rbf	88.44
			sigmoid	82.18				sigmoid	77.59
			poly	85.19				poly	80.83
		17	linear	85.90			17	linear	86.29
			rbf	88.36				rbf	88.51
			sigmoid	82.58				sigmoid	79.88
			poly	82.58				poly	81.31
		18	linear	85.98			18	linear	86.38
			rbf	88.83				rbf	88.20
			sigmoid	82.90				sigmoid	77.67
			poly	84.39				poly	79.24
		19	linear	85.74			19	linear	86.61
			rbf	89.31				rbf	88.36
			sigmoid	82.50				sigmoid	76.88
			poly	85.35				poly	80.04
		20	linear	86.45			20	linear	86.30
			rbf	88.83				rbf	87.96
			sigmoid	83.61				sigmoid	78.14
			poly	85.50				poly	80.99

Lampiran 1 Ketetapan Model Klasifikasi Mesin Vektor Pendukung (Lanjutan)

<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>	<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>		
400	4	15	linear	86.45	400	5	15	linear	86.30		
			rbf	88.36				rbf	87.33		
			sigmoid	79.41				sigmoid	75.85		
			poly	82.57				poly	78.69		
			16	linear		86.61			16	linear	87.09
				rbf		88.59				rbf	87.25
				sigmoid		78.62				sigmoid	75.35
				poly		81.47				poly	79.17
			17	linear		86.46			17	linear	86.61
				rbf		88.20				rbf	87.56
				sigmoid		76.32				sigmoid	77.11
				poly		80.28				poly	81.15
			18	linear		87.01			18	linear	86.54
				rbf		88.75				rbf	87.80
				sigmoid		76.32				sigmoid	74.66
				poly		82.89				poly	79.64
			19	linear		86.54			19	linear	86.14
				rbf		87.48				rbf	87.49
				sigmoid		77.35				sigmoid	74.74
				poly		80.12				poly	81.39
		20	linear	87.33			20	linear	86.53		
			rbf	87.96				rbf	87.96		
			sigmoid	77.19				sigmoid	75.13		
			poly	80.12				poly	79.88		
<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>	<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>		
400	6	15	linear	87.01	400	7	15	linear	86.93		
			rbf	87.72				rbf	87.41		
			sigmoid	77.75				sigmoid	77.03		
			poly	80.44				poly	82.02		
			16	linear		86.77			16	linear	86.62
				rbf		87.80				rbf	87.33
				sigmoid		79.41				sigmoid	76.24
				poly		79.80				poly	80.44
			17	linear		86.45			17	linear	86.46
				rbf		87.33				rbf	87.01
				sigmoid		77.59				sigmoid	77.19
				poly		78.85				poly	79.64
			18	linear		86.69			18	linear	86.22
				rbf		87.88				rbf	87.01
				sigmoid		77.90				sigmoid	76.40
				poly		81.31				poly	80.44
			19	linear		87.17			19	linear	85.43
				rbf		87.88				rbf	86.69
				sigmoid		77.35				sigmoid	75.92
				poly		79.01				poly	79.88
		20	linear	87.09			20	linear	86.53		
			rbf	88.28				rbf	87.09		
			sigmoid	76.80				sigmoid	76.48		
			poly	82.97				poly	80.12		

Lampiran 1 Ketetapan Model Klasifikasi Mesin Vektor Pendukung (Lanjutan)

<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>	<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>
500	2	15	linear	85.98	500	3	15	linear	86.93
			rbf	89.23				rbf	88.91
			sigmoid	85.43				sigmoid	81.55
			poly	82.10				poly	81.15
		16	linear	86.62			16	linear	86.30
			rbf	89.15				rbf	88.20
			sigmoid	85.90				sigmoid	80.13
			poly	84.55				poly	80.04
		17	linear	86.22			17	linear	86.62
			rbf	88.99				rbf	88.75
			sigmoid	85.43				sigmoid	81.55
			poly	83.92				poly	79.72
		18	linear	86.77			18	linear	87.71
			rbf	89.15				rbf	88.44
			sigmoid	86.46				sigmoid	80.99
			poly	82.73				poly	77.58
		19	linear	87.01			19	linear	86.54
			rbf	89.15				rbf	88.83
			sigmoid	86.30				sigmoid	79.25
			poly	83.37				poly	79.88
		20	linear	86.22			20	linear	86.62
			rbf	89.07				rbf	88.75
			sigmoid	86.38				sigmoid	80.84
			poly	84.71				poly	78.29
<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>	<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>
500	4	15	linear	86.93	500	5	15	linear	86.14
			rbf	88.28				rbf	87.88
			sigmoid	77.43				sigmoid	78.14
			poly	80.67				poly	78.93
		16	linear	86.78			16	linear	86.69
			rbf	88.99				rbf	87.64
			sigmoid	78.22				sigmoid	74.98
			poly	80.67				poly	79.09
		17	linear	87.17			17	linear	86.77
			rbf	89.07				rbf	88.43
			sigmoid	79.33				sigmoid	77.67
			poly	81.07				poly	80.43
		18	linear	86.77			18	linear	86.46
			rbf	88.83				rbf	88.04
			sigmoid	79.01				sigmoid	76.88
			poly	80.04				poly	78.85
		19	linear	87.41			19	linear	85.98
			rbf	88.60				rbf	87.48
			sigmoid	79.02				sigmoid	78.86
			poly	79.96				poly	79.88
		20	linear	86.38			20	linear	86.62
			rbf	88.75				rbf	87.88
			sigmoid	78.15				sigmoid	77.12
			poly	79.64				poly	81.46

Lampiran 1 Ketetapan Model Klasifikasi Mesin Vektor Pendukung (Lanjutan)

<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>	<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>
500	6	15	linear	86.22	500	7	15	linear	86.58
			rbf	87.72				rbf	87.64
			sigmoid	78.30				sigmoid	78.14
			poly	79.32				poly	80.28
		16	linear	86.14			16	linear	86.69
			rbf	88.04				rbf	87.72
			sigmoid	79.01				sigmoid	78.15
			poly	79.64				poly	79.17
		17	linear	87.25			17	linear	86.93
			rbf	87.57				rbf	87.64
			sigmoid	78.62				sigmoid	77.19
			poly	78.85				poly	80.44
		18	linear	86.45			18	linear	87.09
			rbf	87.96				rbf	86.68
			sigmoid	77.67				sigmoid	75.76
			poly	81.47				poly	80.67
		19	linear	86.45			19	linear	86.77
			rbf	88.04				rbf	87.33
			sigmoid	79.49				sigmoid	76.00
			poly	80.12				poly	80.04
		20	linear	86.62			20	linear	86.69
			rbf	87.57				rbf	87.33
			sigmoid	80.13				sigmoid	78.46
			poly	79.88				poly	79.41
<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>	<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>
600	2	15	linear	86.46	600	3	15	linear	87.41
			rbf	88.76				rbf	88.99
			sigmoid	85.43				sigmoid	80.28
			poly	81.86				poly	78.93
		16	linear	87.25			16	linear	86.53
			rbf	89.31				rbf	88.51
			sigmoid	85.99				sigmoid	80.36
			poly	84.08				poly	80.04
		17	linear	86.14			17	linear	87.09
			rbf	89.15				rbf	88.83
			sigmoid	86.14				sigmoid	81.55
			poly	83.92				poly	80.99
		18	linear	87.33			18	linear	87.33
			rbf	89.31				rbf	88.51
			sigmoid	85.03				sigmoid	80.84
			poly	81.70				poly	80.28
		19	linear	86.77			19	linear	86.53
			rbf	88.83				rbf	88.52
			sigmoid	85.98				sigmoid	81.23
			poly	83.05				poly	80.83
		20	linear	87.25			20	linear	86.54
			rbf	88.83				rbf	88.36
			sigmoid	86.14				sigmoid	82.26
			poly	83.84				poly	77.66

Lampiran 1 Ketetapan Model Klasifikasi Mesin Vektor Pendukung (Lanjutan)

<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>	<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>
600	4	15	linear	87.48	600	5	15	linear	86.38
			rbf	88.28				rbf	87.72
			sigmoid	80.59				sigmoid	77.27
			poly	79.88				poly	78.45
		16	linear	87.56			16	linear	86.69
			rbf	88.59				rbf	88.36
			sigmoid	77.99				sigmoid	76.09
			poly	79.09				poly	78.54
		17	linear	86.69			17	linear	86.53
			rbf	88.59				rbf	88.20
			sigmoid	79.57				sigmoid	78.15
			poly	80.59				poly	80.20
		18	linear	87.25			18	linear	86.54
			rbf	88.59				rbf	88.20
			sigmoid	78.62				sigmoid	77.66
			poly	78.85				poly	78.45
		19	linear	87.33			19	linear	86.61
			rbf	88.75				rbf	88.51
			sigmoid	78.70				sigmoid	80.12
			poly	79.33				poly	78.38
		20	linear	87.49			20	linear	86.77
			rbf	88.52				rbf	87.88
			sigmoid	76.88				sigmoid	77.98
			poly	78.29				poly	79.72
<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>	<i>Hidden Layer Size</i>	<i>Window Size</i>	<i>Negative Sample Size</i>	<i>SVM Kernel</i>	<i>Accuracy</i>
600	6	15	linear	86.69		7	15	linear	86.77
			rbf	87.88				rbf	87.88
			sigmoid	81.63				sigmoid	79.25
			poly	78.37				poly	79.88
		16	linear	86.53			16	linear	86.61
			rbf	88.44				rbf	87.72
			sigmoid	81.79				sigmoid	78.38
			poly	78.06				poly	79.64
		17	linear	86.53			17	linear	87.01
			rbf	88.04				rbf	87.88
			sigmoid	81.15				sigmoid	78.94
			poly	79.40				poly	80.04
		18	linear	86.61			18	linear	87.01
			rbf	88.12				rbf	87.64
			sigmoid	81.95				sigmoid	77.19
			poly	76.63				poly	79.88
		19	linear	86.77			19	linear	87.01
			rbf	88.28				rbf	88.04
			sigmoid	80.29				sigmoid	76.48
			poly	77.03				poly	79.80
		20	linear	87.09			20	linear	87.40
			rbf	88.20				rbf	87.88
			sigmoid	78.62				sigmoid	78.62
			poly	78.69				poly	79.56

Lampiran 2 Ketetapan Klasifikasi Mesin Vektor Pendukung Kernel RBF

C	γ	Akurasi
1	0.2875	89.87
0.1	1	57.64
	0.1	64.29
	0.001	82.65
	0.0001	57.64
1	1	61.83
	0.1	85.35
	0.001	86.69
	0.0001	82.66
10	1	61.83
	0.1	85.74
	0.001	88.59
	0.0001	86.3
100	1	61.83
	0.1	85.74
	0.001	88.2
	0.0001	88.36
1000	1	61.83
	0.1	85.74
	0.001	87.57
	0.0001	87.49

Lampiran 3 Ketetapan Parameter Pada Pemodelan Topik LDA Sentimen Positif

α	β	Jumlah Topik	<i>Coherence</i>	Kenaikan Nilai <i>Coherence</i>
0.1	0.1	5	0.44375	0.08826
	0.01	17	0.39846	0.03648
	0.001	8	0.39593	0.05577
0.01	0.1	5	0.42883	0.07303
	0.01	17	0.39737	0.05529
	0.001	8	0.40134	0.04467
0.001	0.1	5	0.42327	0.06747
	0.01	8	0.39987	0.04320
	0.001	17	0.38513	0.04880

Lampiran 4 Ketetapan Parameter Pada Pemodelan Topik LDA Sentimen Negatif

α	β	Jumlah Topik	<i>Coherence</i>	Kenaikan Nilai <i>Coherence</i>
0.1	0.1	5	0.38062	0.09092
	0.01	14	0.42701	0.05481
	0.001	5	0.38657	0.05156
0.01	0.1	5	0.37304	0.09661
	0.01	14	0.39859	0.05671
	0.001	5	0.36818	0.05929
0.001	0.1	5	0.37326	0.08644
	0.01	14	0.39683	0.05359
	0.001	14	0.39678	0.05141