



### **Hak cipta dan penggunaan kembali:**

Lisensi ini mengizinkan setiap orang untuk menggubah, memperbaiki, dan membuat ciptaan turunan bukan untuk kepentingan komersial, selama anda mencantumkan nama penulis dan melisensikan ciptaan turunan dengan syarat yang serupa dengan ciptaan asli.

### **Copyright and reuse:**

This license lets you remix, tweak, and build upon work non-commercially, as long as you credit the origin creator and license it on your new creations under the identical terms.

## DAFTAR PUSTAKA

- AWS. (2017). *Model Fit: Underfitting vs. Overfitting*. Amazon Machine Learning [online] Tersedia di: <https://docs.aws.amazon.com/machine-learning/latest/dg/model-fit-underfitting-vs-overfitting.html> [Diakses 11 Juli 2019]
- Bilgin, M., dan Şentürk, İ. F. (2017). *Sentiment analysis on Twitter data with semi-supervised Doc2Vec*. Dalam 2017 International Conference on Computer Science and Engineering (UBMK) (hh. 661-666). IEEE.
- Britz, Denny. (2015). *Recurrent Neural Networks Tutorial, Part 1 – Introduction to RNNs*. [online] WILDML. Tersedia di: <http://www.wildml.com/2015/09/recurrent-neural-networks-tutorial-part-1-introduction-to-rnns/> [Diakses 20 Oktober 2018]
- Budiyanto, Imam. (2015). *Pentingnya Peran Media Sosial dalam Kampanye Politik*. [online] Tersedia di: <https://winstarlink.com/pentingnya-peran-media-sosial-dalam-kampanye-politik/> [Diakses 2 September. 2018].
- DeepAI. (2017). *F-Score* [online] Tersedia di: <https://deepai.org/machine-learning-glossary-and-terms/f-score> [Diakses 20 Februari 2019]
- DL4J. (2018). *A Beginner's Guide to Recurrent Networks and LSTMs*. [online] Tersedia di: <https://deeplearning4j.org/lstm.html> [Diakses 11 Oktober. 2018].
- Donges, Niklas. (2018). *Recurrent Neural Networks and LSTM*. [online] Towards Data Science. Tersedia di: <https://towardsdatascience.com/recurrent-neural-networks-and-lstm-4b601dd822a5> [Diakses 9 Oktober 2018]
- Hassan, Abdalraouf. (2017). *Sentiment Analysis With Recurrent Neural Network And Unsupervised Neural Language Model*. USA.
- Huang, Steeve. (2018). *Word2Vec and FastText Word Embedding with Gensim*. [online] Towards Data Science. Tersedia di: <https://towardsdatascience.com/word-embedding-with-word2vec-and-fasttext-a209c1d3e12c> [Diakses 16 Oktober 2018]
- Jose, Rincy. dan Chooraril, Varghese S. (2016). *Prediction of Election Result by Enhanced Sentiment Analysis on Twitter Data using Classifier Ensemble Approach*. Dalam 2016 international conference on data mining and advanced computing (SAPIENCE) (hh. 64-67). IEEE.
- Jozefowicz, Rafal. Zaremba, Wojciech. dan Sutskever, Ilya. (2015). *An Empirical Exploration of Recurrent Network Architectures*. ICML'15 Proceedings of the 32nd International Conference on International Conference on Machine Learning (hh. 2342-2350). Lille, Perancis.

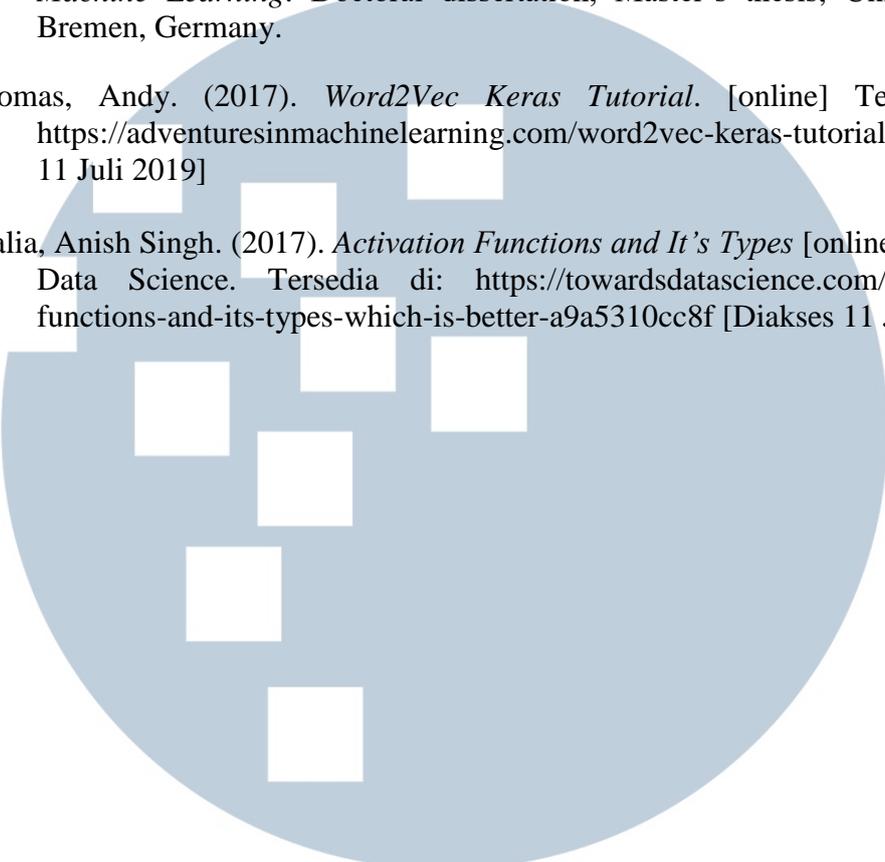
- Ramteke, J., Shah, S., Godhia, D., dan Shaikh, A. (2016). *Election Result Prediction Using Twitter Sentiment Analysis*. Dalam 2016 International Conference on Inventive Computation Technologies (ICICT) (Vol. 1, hh. 1-5). IEEE.
- Kadam, Sumedh. (2017). *Python / Word Embedding using Word2Vec*. [online] GeeksforGeeks. Tersedia di: <https://www.geeksforgeeks.org/python-word-embedding-using-word2vec/> [Diakses 18 Oktober 2018]
- Kang, Eugene. (2017). *Long Short-Term Memory (LSTM): Concept*. [online] Medium. Tersedia di: <https://medium.com/@kangeugine/long-short-term-memory-lstm-concept-cb3283934359> [Diakses 5 Januari. 2019]
- Keras. (2017). *Usage of Optimizers*. Keras Documentation [online] Tersedia di: <https://keras.io/optimizers/> [Diakses 11 Juli 2019]
- Li, Dan. dan Qian, Jiang. (2016). *Text Sentiment Analysis Based on Long Short-Term Memory*. Dalam 2016 First IEEE International Conference on Computer Communication and the Internet (ICCCI) (hh. 471-475). IEEE.
- Liu, B. (2010). *Opinion Mining and Sentiment Analysis*. Dalam Web Data Mining (hh. 459-526). Springer, Berlin, Heidelberg.
- MachineIntelligence. (2017). *Different types of Activation functions in Deep Learning*. [online] Tersedia di: <http://www.machineintelligence.com/different-types-of-activation-functions-in-keras/> [Diakses 11 Juli 2019]
- Mahmood, Hamza. (2018). *The Softmax Function, Simplified*. [online] Towards Data Science. Tersedia di: <https://towardsdatascience.com/softmax-function-simplified-714068bf8156> [Diakses 11 Juli 2019]
- Mikolov, Tomas. Sutskever, Ilya. Chen, Kai. Corrado, Greg S. dan Dean, Jeff. (2013). *Distributed Representations of Words and Phrases and Their Compositionality*. Conference and Workshop on Neural Information Processing Systems (NIPS).
- Mishra, Aditya. (2018). *Metrics to Evaluate your Machine Learning Algorithm*. [online] Towards Data Science. Tersedia di: <https://towardsdatascience.com/metrics-to-evaluate-your-machine-learning-algorithm-f10ba6e38234> [Diakses 26 Februari 2019]
- Nguyen, Michael. (2018). *Illustrated Guide to LSTM's and GRU's*. [online] Towards Data Science. Tersedia di: <https://towardsdatascience.com/illustrated-guide-to-lstms-and-gru-s-a-step-by-step-explanation-44e9eb85bf21> [Diakses 10 Oktober 2018]

- Olah, Christopher. (2015). *Understanding LSTM Networks*. [online] Tersedia di: <http://colah.github.io/posts/2015-08-Understanding-LSTMs/> [Diakses 10 Oktober 2018]
- PakarOnline. (2013). *Pengertian Hash Tag Simbol # di Twitter*. [online] Tersedia di: <https://www.pakaronline.com/twitter/pengertian-hash-tag-simbol-di-twitter/> [Diakses 7 September 2018]
- Parveen, Huma. dan Pandey, Shikha. (2017). *Sentiment Analysis on Twitter Dataset using Naive Bayes Algorithm*. Dalam 2016 2nd International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT) (hh. 416-419). IEEE.
- Prasetyo, E. (2012). *Data Mining: Konsep dan Aplikasi menggunakan MATLAB*. Yogyakarta: Andi.
- Pratama, Jaka Aulia. Suprijadi, Yadi. dan Zulhanif. (2017). *Analisis Sentimen Sosial Media Twitter Dengan Algoritma Machine Learning Menggunakan Software R*. Jurnal Fourier Vol. 6, No. 2, 85-89.
- Priyono, Benny. (2018). *Pengenalan Recurrent Neural Network (RNN) – Bagian 1*. [online] IndoML. Tersedia di: <https://indoml.com/2018/04/04/pengenalan-rnn-bag-1/> [Diakses 20 Januari 2019]
- Ramadhani, Adyan Marendra. dan Goo, Hong Soon. (2017). *Twitter Sentiment Analysis using Deep Learning Methods*. Dalam 7th International Annual Engineering Seminar (InAES) (hh. 1-4).
- Raschka, Sebastian. (2016). *Confusion Matrix*. [online] Tersedia di: [http://rasbt.github.io/mlxtend/user\\_guide/evaluate/confusion\\_matrix/](http://rasbt.github.io/mlxtend/user_guide/evaluate/confusion_matrix/) [Diakses 11 Juli 2019]
- Sharma, Sagar. (2017). *Activation Functions in Neural Network* [online] Towards Data Science. Tersedia di: <https://towardsdatascience.com/activation-functions-neural-networks-1cbd9f8d91d6> [Diakses 11 Juli 2019]
- Syaputra, Rezkhi, dan Rachmansyah. (2018). *Analisis Sentimen Pada Sosial Media Twitter Terhadap Politik di Indonesia Menggunakan Text Mining Dengan Metode Naive Bayes Classifier*. Palembang, Indonesia.
- Skymind. (2017). *A Beginner's Guide to LSTMs and Recurrent Neural Networks*. [online] Tersedia di: <https://skymind.ai/wiki/lstm> [Diakses 6 September 2018].
- Skymind. (2017). *Accuracy, Precision, Recall and F1 Score*. [online] Tersedia di: <https://skymind.ai/wiki/accuracy-precision-recall-f1> [Diakses 26 Februari 2019]

Talpur, A. (2017). *Congestion Detection in Software Defined Networks using Machine Learning*. Doctoral dissertation, Master's thesis, University of Bremen, Germany.

Thomas, Andy. (2017). *Word2Vec Keras Tutorial*. [online] Tersedia di: <https://adventuresinmachinelearning.com/word2vec-keras-tutorial/> [Diakses 11 Juli 2019]

Walia, Anish Singh. (2017). *Activation Functions and It's Types* [online] Towards Data Science. Tersedia di: <https://towardsdatascience.com/activation-functions-and-its-types-which-is-better-a9a5310cc8f> [Diakses 11 Juli 2019]



UMN

UNIVERSITAS  
MULTIMEDIA  
NUSANTARA