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- [3] Sang-Bum Kim, Kyoung-Soo Han, Hae-Chang Rim, and Sung Hyon Myaeng, "Some Effective Techniques for Naive Bayes Text Classification," *IEEE Transactions on Knowledge and Data Engineering*, vol. 18, no. 11, pp. 1457–1466, Nov. 2006, doi:10.1109/tkde.2006.180.
- [4] J. Devlin, M.-W. Chang, K. Lee, and K. Toutanova, "BERT: Pre-training of Deep Bidirectional Transformers for Language Understanding," *ArXiv*, vol. abs/1810.0, 2019.
- [5] A. M. and S. Salama, "Discovering Performance Evaluation Features of faculty Members using Data Mining Techniques to Support Decision Making," *International Journal of Computer Applications*, vol. 178, no. 49, pp. 25–29, Sep. 2019, doi: 10.5120/ijca2019919417.
- [6] A. M. Dai and Q. V. Le, "Semi-supervised Sequence Learning," In *Advances in Neural Information Processing Systems* (pp. 3079–3087). Montreal, Canada: Curran Associates, Inc, 2015.
- [7] A. Radford, K. Narasimhan, T. Salimans, and I. Sutskever, "Improving language understanding by generative pre-training," *Tech. Rep.*, 2018.
- [8] J. Howard and S. Ruder, "Universal language model fine-tuning for text classification," 2018, arXiv:1801.06146. [Online]. Available: <http://arxiv.org/abs/1801.06146>
- [9] M. E. Peters *et al.*, "Deep Contextualized Word Representations," *Proceedings of the 2018 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL-HLT'18): Vol 1*, 2018, Jun 1-6, New Orleans, LA, USA. Stroudsburg, PA, USA: Association for Computational Linguistics, 2018: 2227-2237.
- [10] S. R. Bowman, G. Angeli, C. Potts, and C. D. Manning, "A large annotated corpus for learning natural language inference," 2015, arXiv:1508.05326
- [11] A. Williams, N. Nangia, and S. R. Bowman, "A broad-coverage challenge corpus for sentence understanding through inference," 2017, arXiv:1704.05426. [Online]. Available: <http://arxiv.org/abs/1704.05426>
- [12] Dolan, W. B., & Brockett, C. (2005). Automatically constructing a corpus of sentential paraphrases. In *Proc. of the 3rd Int. Workshop on Paraphrasing*, pp. 9–16, Jeju island, Korea, 2005
- [13] Tjong Kim Sang, E. and Fien De Meulder. "Introduction to the CoNLL-2003 Shared Task: Language-Independent Named Entity Recognition." *Conference on Computational Natural Language Learning*, 2003.
- [14] P. Rajpurkar, J. Zhang, K. Lopyrev, and P. Liang, "SQuAD: 100,000+ Questions for Machine Comprehension of Text," *Association for Computational Linguistics (ACL)*, 2016.
- [15] Vaswani, A., Brain, G., Shazeer, N., Parmar, N., Uszkoreit, J., Jones, L., et al., "Attention is All you Need," *Proceedings.neurips.cc*, [Online]. Available: <https://proceedings.neurips.cc/paper/7181-attention-is-all-you-need.2023>
- [16] P. F. Brown, V. J. Della Pietra, P. V de Souza, J. C. Lai, and R. L. Mercer, "Class-Based n-gram Models of Natural Language," *Comput. Linguist.*, vol. 18, pp. 467–479, 1992.
- [17] R. K. Ando and T. Zhang, "A Framework for Learning Predictive Structures from Multiple Tasks and Unlabeled Data," *J. Mach. Learn. Res.*, vol. 6, pp. 1817–1853, 2005.
- [18] J. Blitzer, R. T. McDonald and F. Pereira, "Domain adaptation with structural correspondence learning", *Proc. Conf. Empirical Methods Natural Lang. Process.*, pp. 22-23, Jul. 2007.
- [19] T. Mikolov, I. Sutskever, K. Chen, G. S. Corrado and J. Dean: Distributed Representations of Words and Phrases and their Compositionality, *Advances in Neural Information Processing Systems* 26, pp.3111–3119, 2013.
- [20] J. Pennington, R. Socher, and C. Manning, "GloVe: Global vectors for word representation," in *Proc. Conf. Empirical Methods Natural Lang. Process. (EMNLP)*. Doha, Qatar: Association for Computational Linguistics, Oct. 2014, pp. 1532–1543. [Online]. Available: <https://aclanthology.org/D14-1162>
- [21] J. Turian, L. Ratinov and Y. Bengio, Word representations: A simple and general method for semi-supervised learning, 2010.
- [22] A. Mnih and G.E. Hinton, "A Scalable Hierarchical Distributed Language Model", *Proceedings of Neural Information Processing Systems* 21 (NIPS 2008), pp. 1-8, 2008.
- [23] Kiro R, Zhu Y K, Salakhutdinov R, Zemel R, Torralba A, Urtasun R, Fidler S. Skip-thought vectors. arXiv: 1506.06726, 2015. <https://arxiv.org/abs/1506.06726>, June 2017.
- [24] L. Logeswaran and H. Lee, "An efficient framework for learning sentence representations," *ArXiv*, vol. abs/1803.0, 2018.
- [25] Q. V. Le and T. Mikolov, "Distributed Representations of Sentences and Documents", *1st Workshop on Representation Learning for NLP*, 2015.
- [26] Y. Jernite, S. R. Bowman, and D. A. Sontag, "Discourse-Based Objectives for Fast Unsupervised Sentence Representation Learning," *ArXiv*, vol. abs/1705.0, 2017.
- [27] F. Hill, K. Cho, and A. Korhonen, "Learning Distributed Representations of Sentences from Unlabelled Data," *arXiv preprint arXiv:1602.03483*, 2016.
- [28] R. Collobert and J. Weston, "A unified architecture for natural language processing: Deep neural networks with multi task learning", *Proc. of ICML*, 2008.
- [29] A. Wang, A. Singh, J. Michael, F. Hill, O. Levy, and S. R. Bowman, "Glue: A Multi-Task Benchmark and Analysis Platform for Natural Language Understanding," *ArXiv*, vol. abs/1804.0, 2018.
- [30] Z. Qu, X. Song, S. Zheng, X. Wang, X. Song, and Z. Li, "Improved Bayes Method Based on TF-IDF Feature and Grade Factor Feature for Chinese Information Classification," *2018 IEEE International Conference on Big Data and Smart Computing (BigComp)*, Jan. 2018, doi: 10.1109/bigcomp.2018.00124.
- [31] R. Socher, J. Wu, A. Perelygin, C.D. Manning, J. Chuang et al., "Recursive deep models for semantic compositionality over a sentiment treebank", *EMNLP*, 2013. Association for Computational Linguistics, Seattle, 2013.
- [32] B. Walek and V. Fojtik, "A hybrid recommender system for recommending relevant movies using an expert system," *Expert Systems with Applications*, vol. 158, p. 113452, Nov. 2020, doi:10.1016/j.eswa.2020.113452.
- [33] H. Saif, M. Fernández, Y. He, and H. Alani, "On Stopwords, Filtering and Data Sparsity for Sentiment Analysis of Twitter," *The Open University: Milton Keynes*, UK, 2014.