

**СПИСОК ВИКОРИСТАНИХ ДЖЕРЕЛ**

- 1) Batura, Tatiana. (2017). Методи автоматичної класифікації текстів. Міжнародний журнал Програмні продукти і системи. 23. 85-99. 10.15827/0236-235X.117.085-099
- 2) Розроблення стартап-проєкту [Електронний ресурс] // Методичні рекомендації до виконання розділу магістерських дисертацій для студентів інженерних спеціальностей / За заг. ред. О.А. Гавриша. – Київ : НТУУ «КПІ», 2016. – 28 с.
- 3) Random Forests [Електронний ресурс] // Режим доступу: <https://link.springer.com/article/10.1023/A:1010933404324>
- 4) Breiman, Leo. (2001). RANDOM FORESTS [Електронний ресурс] // Режим доступу: <https://www.stat.berkeley.edu/~breiman/randomforest2001.pdf>
- 5) Matthias Schonlau and Rosie Yuyan Zou. The random forest algorithm for statistical learning [Електронний ресурс] // Режим доступу: <https://journals.sagepub.com/doi/full/10.1177/1536867X20909688>
- 6) Alessia Sarica, Antonio Cerasa, Aldo Quattrone. Random Forest Algorithm for the Classification of Neuroimaging Data in Alzheimer's Disease: A Systematic Review [Електронний ресурс] // Режим доступу: <https://www.frontiersin.org/articles/10.3389/fnagi.2017.00329/full>
- 7) Vladimir Svetnik, Andy Liaw, Christopher Tong, J. Christopher Culberson, Robert P. Sheridan, and Bradley P. Feuston. Random Forest: A Classification and Regression Tool for Compound Classification and QSAR Modeling [Електронний ресурс] // Режим доступу: <https://pubs.acs.org/doi/10.1021/ci034160g>
- 8) Raphael Couronné, Philipp Probst, Anne-Laure Boulesteix. Random forest versus logistic regression: a large-scale benchmark experiment [Електронний ресурс] // Режим доступу: <https://bmcbioinformatics.biomedcentral.com/articles/10.1186/s12859-018-2264-5>

- 9) Jenny Yeon, Jared Wilber. The Random Forest Algorithm. How the majority vote and well-placed randomness can enhance the decision tree model. [Электронный ресурс] // Режим доступа: <https://mlu-explain.github.io/random-forest/>
- 10) Gerard Biau. (2012). Analysis of a Random Forests Model [Электронный ресурс] // Режим доступа: <https://www.jmlr.org/papers/volume13/biau12a/biau12a.pdf>
- 11) Song J , Gao Y, Yin P, Li Y, Zhang J, Su Q, Fu X, Pi H. (2021). The Random Forest Model Has the Best Accuracy Among the Four Pressure Ulcer Prediction Models Using Machine Learning Algorithms [Электронный ресурс] // Режим доступа: <https://www.dovepress.com/the-random-forest-model-has-the-best-accuracy-among-the-four-pressure-peer-reviewed-fulltext-article-RMHP>
- 12) Mark P. Little, Philip S. Rosenberg, Aryana Arsham. (2022). Alternative stopping rules to limit tree expansion for random forest models [Электронный ресурс] // Режим доступа: <https://www.nature.com/articles/s41598-022-19281-7>
- 13) Danielle Denisko and Michael M. Hoffman. (2018). Classification and interaction in random forests [Электронный ресурс] // Режим доступа: <https://www.pnas.org/doi/10.1073/pnas.1800256115>
- 14) Vrushali Y Kulkarni, PhD Student, COEP, Pune, India. (2013). Random Forest Classifiers :A Survey and Future Research Directions [Электронный ресурс] // Режим доступа: [https://adiwijaya.staff.telkomuniversity.ac.id/files/2014/02/Random-Forest-Classifiers\\_A-Survey-and-Future.pdf](https://adiwijaya.staff.telkomuniversity.ac.id/files/2014/02/Random-Forest-Classifiers_A-Survey-and-Future.pdf)
- 15) Breiman, L. (2001) Random Forests. Machine Learning, 45, 5-32.
- 16) Shi, Z. (2019) Cognitive Machine Learning. International Journal of Intelligence Science, 9, 111-121.

- 17) Grove, A. and Schuurmans, D. (1998). Boosting in the limit: Maximizing the margin of learned ensembles. In Proceedings of the Fifteenth National Conference on Artificial Intelligence (AAAI-98).
- 18) Domingos, P., The Master Algorithm: How the Quest for the Ultimate Learning Machine Will Remake Our World. Basic Books, 2015.
- 19) Hardt, Moritz, Price, Eric & Srebro, Nati. "Equality of opportunity in supervised learning." Advances in neural information processing systems. 2016.
- 20) Henke, N., et. al., "The age of analytics: Competing in a data-driven world," McKinsey Global Institute, December 2016. Accessed October 2020.
- 21) Lundberg, Scott M., & Lee, Su-in. "A Unified Approach to Interpreting Model Predictions." Advances in Neural Information Processing Systems. 2017.
- 22) Altman RB, Bergman CM, Blake J, et al. Text mining for biology—the way forward: opinions from leading scientists. *Genome Biology*. 2008;9(Suppl 2):S7.
- 23) Aphinyanaphongs Y, Aliferis C. Text categorization models for identifying unproven cancer treatments on the web. *Stud Health Technol Inform*. 2007;129:968–72.
- 24) Comparative Effectiveness Review No. 32. Rockville, MD: Agency for Healthcare Research and Quality; 2011. (Prepared by Tufts Evidence-based Practice Center under Contract No. 290-2007-100551). AHRQ Publication No. 11-EHC052-EF [Электронный ресурс] // Режим доступа: [www.effectivehealthcare.ahrq.gov/reports/final.cfm](http://www.effectivehealthcare.ahrq.gov/reports/final.cfm)
- 25) Cohen AM, Ambert K, McDonagh M. Cross-topic learning for work prioritization in systematic review creation and update. *J Am Med Inform Assoc*. 2009;16(5):690–704.

- 26) Cohen AM, Ambert K, McDonagh M. A Prospective Evaluation of an Automated Classification System to Support Evidence-based Medicine and Systematic Review. AMIA Annual Symposium proceedings. 2010:121–5.
- 27) Facilitate Comparative Effectiveness Review Updating, Methods Research Report. Rockville, MD: Agency for Healthcare Research and Quality; Sep, 2012. Prepared by the Southern California Evidence-based Practice Center under Contract No. 290-2007-10062-I). AHRQ Publication No. 12-EHC069-EF.
- 28) Deerwester S, Dumais S, Furnas G, et al. Indexing by Latent Semantic Analysis. J Am Soc Inf Sci. 1990;41(6):391–407.
- 29) EPOC: Cochrane Effective Practice and Organisation of Care Group. Welcome to the EPOC Ottawa Website [Электронный ресурс] // Режим доступа: <http://epoc.cochrane.org>.
- 30) Friedman J, Hastie T, Tibshirani R. Regularization paths for generalized linear models via coordinate descent. J Stat Softw. 2010;33(1):1–22.
- 31) Genkin A, Lewis DD, Madigan D. Large-scale Bayesian logistic regression for text categorization. Techometric. 2007;49(3):201–304.
- 32) Hastie T, Tibshirani R, Friedman J. New York: Springer Verlag; The elements of statistical learning: data mining, inference, and prediction. 2009
- 33) O’Neil S, Rubenstein L, Danz M, et al. Identifying continuous quality improvement publications: what makes an improvement intervention ‘CQI’? BMJ Qual Saf. 2011 Dec;20(12):1011–9. Epub 2011 Jul 4.
- 34) Vapnik VN. The Nature of Statistical Learning theory. New York: Springer-Verlag; 1995.
- 35) Wallace BC, Small K, Brodley C, et al. Active learning for biomedical citation screening. KDD ‘2010. Proceedings of the 16th ACM SIGKDD international conference on knowledge discovery and data mining; Washington, DC: ACM; 2010.
- 36) Ahmed, A., Aly, M., Gonzalez, J., Narayanamurthy, S., & Smola, A. J. (2012). Scalable inference in latent variable models. Proceedings of the fifth

- ACM international conference on Web search and data mining (pp. 123–132).
- 37) Alayrac, J.-B., Donahue, J., Luc, P., Miech, A., Barr, I., Hasson, Y., ... others. (2022). Flamingo: a visual language model for few-shot learning. arXiv preprint arXiv:2204.14198.
  - 38) Anil, R., Gupta, V., Koren, T., Regan, K., & Singer, Y. (2020). Scalable second order optimization for deep learning. arXiv preprint arXiv:2002.09018.
  - 39) Baevski, A., & Auli, M. (2018). Adaptive input representations for neural language modeling. International Conference on Learning Representations.
  - 40) Bahdanau, D., Cho, K., & Bengio, Y. (2014). Neural machine translation by jointly learning to align and translate. arXiv preprint arXiv:1409.0473.
  - 41) Beutel, A., Murray, K., Faloutsos, C., & Smola, A. J. (2014). Cobafi: collaborative bayesian filtering. Proceedings of the 23rd international conference on the World wide web (pp. 97–108).
  - 42) Bojanowski, P., Grave, E., Joulin, A., & Mikolov, T. (2017). Enriching word vectors with subword information. Transactions of the Association for Computational Linguistics, 5, 135–146.
  - 43) Bommasani, R., Hudson, D. A., Adeli, E., Altman, R., Arora, S., von Arx, S., ... others. (2021). On the opportunities and risks of foundation models. arXiv preprint arXiv:2108.07258.
  - 44) Bottou, L., & Le Cun, Y. (1988). Sn: a simulator for connectionist models. Proceedings of NeuroNimes 88 (pp. 371–382). Nimes, France. [Электронный ресурс] // Режим доступа: <http://leon.bottou.org/papers/bottou-lecun-88>
  - 45) Bowman, S. R., Angeli, G., Potts, C., & Manning, C. D. (2015). A large annotated corpus for learning natural language inference. arXiv preprint arXiv:1508.05326.
  - 46) Bradley, R. A., & Terry, M. E. (1952). Rank analysis of incomplete block designs: i. the method of paired comparisons. Biometrika, 39(3/4), 324–345.

- 47) Brown, P. F., Cocke, J., Della Pietra, S. A., Della Pietra, V. J., Jelinek, F., Mercer, R. L., & Roossin, P. (1988). A statistical approach to language translation. *Coling Budapest 1988 Volume 1: International Conference on Computational Linguistics*.
- 48) Cer, D., Diab, M., Agirre, E., Lopez-Gazpio, I., & Specia, L. (2017). Semeval-2017 task 1: semantic textual similarity multilingual and crosslingual focused evaluation. *Proceedings of the 11th International Workshop on Semantic Evaluation (SemEval-2017)* (pp. 1–14).