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Efficiency comparative analysis of techniques in misinformation detection in healthcare data

During the past few years, during the global COVID-19 pandemic, we have seen a great rise of misinformation on the Internet. In my article I would like to focus on the state of the art about analysis of efficiency of misinformation techniques in healthcare. I want to make a conclusion of the efficiency of techniques for misinformation detection we know and compare them. There are many techniques we can use, and I chose to focus on fact-checking (which can be done manually or automatically) and machine learning technique (which brings contribution of AI to the equation). I want to introduce these techniques and compare their efficiency concluding which one is the most efficient and suitable for which situation in healthcare.

Sources:

BARVE, Yashoda; SAINI, Jatinderkumar R. Healthcare misinformation detection and fact-checking: a novel approach. *International Journal of Advanced Computer Science and Applications*, 2021, 12.10.

CHAPHEKAR, Garima. *Unmasking Medical Fake News Using Machine Learning Techniques*. 2022. PhD Thesis. San Jose State University.