Fake News Detection Using Machine Learning Approaches.

Abstract

The spread of fake news across social media and various media platforms has become a big issue, given its potential to inflict significant societal and national harm, often with far-reaching consequences. This paper starts by taking a close look at the research about finding fake news. After that, it explores the world of older machine learning methods.

The primary objective is to identify the most effective machine learning algorithm capable of classifying news articles as either authentic or fake. To accomplish this, the study uses machine learning techniques, employing tools such as Python's scikit-learn and Natural Language Processing.

The goal of this research is to contribute to the ongoing efforts to combat the propagation of fake news by developing a robust and accurate machine learning model capable of distinguishing between authentic and fabricated information. This effort seeks to make us better at fighting the harmful effects of fake news on society and how we talk about important national matters.

RESOURCES:

[1]: K. -H. Kim and C. -S. Jeong, "[Fake News Detection System using Article Abstraction](https://ieeexplore.ieee.org/abstract/document/8864154)," *2019 16th International Joint Conference on Computer Science and Software Engineering (JCSSE)*, Chonburi, Thailand, 2019, pp. 209-212, doi: 10.1109/JCSSE.2019.8864154.

[2]: Z Khanam et al 2021 IOP Conf. Ser.: Mater. Sci. Eng. 1099 012040 <https://iopscience.iop.org/article/10.1088/1757-899X/1099/1/012040>