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# Fake news analysis and extraction

Boom of internet comes with many drawbacks. Fake news or falsifying data is one of them which has to be considered by people on a serious note. Machine learning can play vital role in this situation to put some light on fake news while having lots of data and also be useful in extracting the falsifying data from the real one. This research implements some machine learning algorithms such as K-nearest neighbor, Support Vector Machine, Logistic Regression, Multinomial Naive Byes and finds out the most efficient among all to identifying the fake news.

 In this research, we conduct many activities, starting from getting the data set and applying machine learning algorithms on that dataset. We divide the dataset into two parts one for training and the other one for testing. For extracting the fake news from the dataset first we have to make some changes in a dataset from where we can extract the fake news on the basis of their features and then after removing those data from the real dataset.

Experimental results show that machine learning algorithms can successfully detect fake news detection.

 This research can come up as a very useful tool nowadays to get the correct information for users. Every systems needs improvement to do things more accurately, the same with this system. In future, we can add specific options for social media platforms like identifying the fake news from twitter or Instagram and Facebook which a huge dataset.

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