**Fake-News-detection-on-social-media**

Abstract

Vast Proliferation and exponential increase in use of social media networks has witnessed the growth of both true and fake news in the recent times. Social media networks such as Facebook, Instagram and Twitter are affected by this unhealthy practice of fake news. Blogs and micro blogs are also have been pouring this type of misinformation in a multitude manner. Texts, images, and videos filled with unwarranted matter and pumped to promote their selfish interests in an unethical manner. Lack of proper control mechanism facilitated this rise in the volume of fake news whcich ultimately has been creating confusion in the minds of receivers. In this unhealthy situation truth and facts are masqueraded leading to not just doubts about the bonafides but sometimes leading to chaos in the society. To build healthy channels of information there is great need for fake news detection so that misinformation is cut and the public are protected from the menace. It is high time to develop techniques to identify and prevent the misinformation to enter into the society. The researchers identified the need to cleanse the Instagram platform by removing fake images and related texts as images are more powerful than mere texts and statistics show that more and more people prefer to watch visuals and images as it adds to the element of entertainment as well make people believe the serious information and news also. Real world techniques such as deep learning/ machine learning may be used to detect the fake news/ visual from making rounds creating an unhealthy news environment.

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