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Detecting Fake News

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Abstract: Internet is one of the important inventions and a large number of persons are its users. These persons use this for different purposes. There are different social media platforms that are accessible to these users. Any user can make a post or spread the news through these online platforms. FAKE news has proliferated to a big crowd than before in this digital era, the main factor derives from the rise of social media and direct messaging platform. Fake news detection is important research to be done for its detection but it has some challenges too. Some challenges can be due to a smaller number of resources like an available dataset. We propose in this project, a fake news detection using deep learning technique. And implement a novel automatic fake news credibility inference model using deep learning algorithm with Natural Language processing steps which including text mining steps. Based on a set of explicit and latent features extracted from the textual information, deep learning algorithms builds a deep diffusive network model to learn the representations of news articles, creators and subjects simultaneously. There is a Kaggle competition called as the "Fake News Challenge" and social network is employing AI to filter fake news stories out of users' feeds. Combatting the fake news is a classic text classification project with a straight forward proposition. And evaluate the performance of the system in terms of accuracy.

Keywords: Fake, Real, News, Dataset.

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