

FAKE NEWS DETECTION: PREDICTION TECHNIQUES BASED ON NEURAL NETWORKS

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Abstract

The aim of this paper is the implementation of a website capable of distinguishing fake from real news. Firstly, the training of two neural networks was needed, one of which got integrated into the application and makes the predictions using the logistic regression classifier algorithm. In order to train both models a dataset, containing predetermined values was used. Afterwards, the performances of both models were compared on various metrics, with the most efficient being incorporated into the website. This process was executed after appropriate preprocessing was performed on the dataset. Python programming language was used for each step described in this research.