

An Efficient Fake News Detection using Machine Learning

Achyut Pal¹, Ananya Majumder², Suparna Biswas³, Antara Ghosal⁴,
Palasri Dhar⁵, Sayan Roy Chaudhuri⁶

Students, Department of Electronics & Communication Engineering^{1,2}
Faculty, Department of Electronics & Communication Engineering^{3,4,5,6}
Guru Nanak Institute of Technology, Kolkata, India

Abstract: Fake news and hoaxes have been there since before the advent of the Internet. The widely accepted definition of Internet fake news is: fictitious articles deliberately fabricated to deceive readers". Social media and news outlets publish fake news to increase readership or as part of psychological warfare. In general, the goal is profiting through clickbaits. Clickbaits lure users and entice curiosity with flashy headlines or designs to click links to increase advertisements revenues. This exposition analyzes the prevalence of fake news in light of the advances in communication made possible by the emergence of social networking sites. The purpose of the work is to come up with a solution that can be utilized by users to detect and filter out sites containing false and misleading information. In this paper we have used simple and carefully selected features of the title and post to accurately identify fake posts. The experimental result shows maximum of 87.04% accuracy for logistic model.

Keywords: Fake News, Machine Learning, Classifier

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