Detection and Filtering of Misinformation in Social Media

College Name : SASTRA University
Theme   : Combatting Online Misinformation
Team Name   : **SKEEG**
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Problem Statement:

To develop an innovative platform or tool that leverages AI and natural language processing to identify, verify, and counteract misinformation across various online platforms and social media channels.

Abstract:

Though Social media has become almost an inevitable part of our society now, we can't always depend on it. The spreading of misinformation in social media is not new. Every day we read bunches of things online on social media, which may happen to be true, but often are not. Though there are different ways to prevent fake news on social media, sometimes they are not enough. Because there are no editors in social media to allow the spread of any content without verifying it. Manual fact checking can address some of these challenges, for example when checking the consistency of news in different contexts. However, manual fact-checking is too slow to cover big information spreaders such as social media platforms. To address this problem we attempt to provide a sustainable solution leveraging AI and Natural Language Processing (NLP) to combat online misinformation. The proposed tool aims to detect and counteract misleading web pages by analysing various factors. In addition to detecting and counteracting misleading web pages, the proposed tool will also assign a trust score to sources of information, providing users with a clear indicator of credibility. By flagging potential sources of fake news, the tool empowers users to make informed decisions while browsing, offering the option to block and exclude such content from future search results. Through this approach, we envision a more trustworthy online environment where users can navigate information with increased confidence and accuracy.