

Introduction

Fake News Detection

- During critical events such as a political election or a pandemic outbreak, disinformation with malicious intent, commonly known as “fake news”.
- As part of the fight against COVID-19, the WHO also addressed the infodemic caused by fatal disinformation related to infections and cures.
- Many sites and social media have devoted efforts to identify disinformation.
 - Facebook encourages users to report non-credible posts and employs professional fact-checkers to expose questionable news.
 - Manual fact-checking is also used by fact-checking websites such as Snopes, FactCheck, PolitiFact and Full Fact.

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Recent work

- In order to scale with the increasing amount of information, automated news verification systems consider external knowledge databases as evidence.
- Evidence-based approaches achieve high accuracy and offer potential explainability, but they also take considerable human effort.
- Some recent work observed distinctive engagement patterns when social users face versus factual news.