

# Automatic fake news detection

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## **Abstract**

The emergence and progression of social media have drastically changed the speed and extent of access to news, providing us with high-speed information acquisition, on the other hand, it is also possible to be flooded with a massive amount of information. This tremendous load of information greatly encumbers manually checking the legitimacy of every piece. In this presentation, we will try to tackle the fake news phenomenon from the perspective of machine learning, discussing, among other things, how to automatically detect fake news, how much accuracy can be achieved this way, and whether we can generate effective fake news. Furthermore, we will also discuss some of the challenges of automatic detection of fake news.