

Manipulation and fake news on social media: a two-ways approach

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Abstract

Social media has to be seen as an adversarial space, because of the presence of adversaries, manipulation and disinformation. On classic sources of information, these challenges are usually handled by qualifying content (truth likelihood), and emitters (actor credibility). To adapt this approach to social media, we use influence models, behaviour analysis and community detection for emitters characterisation. This can be combined with the exploitation of knowledge bases for automatic fact checking.

This paper proposes a review of this multi-domain challenge.

Keywords:

Social media, reasoning, knowledge base entities, graph analytics, credibility, likelihood