

Automated Identification of Information Disorder in Social Media from Multimodal Data

Since the Brexit negotiations and the US Election from 2016 the impact of Fake News on public opinion, transported through Social Media, such as Twitter, Facebook, and News are not longer negatable. This thesis tries to develop a method for Information Disorder Detection for the social media platform Reddit based on a publicly available dataset called Fakeddit. For this purpose, a multimodal neural network is designed for tackling this problem. Many other state-of-the-art methods are only using single or dual-modality approaches e.g. text and images. This thesis incorporates up to four different modalities to prove the advantages of a multimodal over a mono-modal approach. The results confirm the superiority of a multimodal approach and improves the detection accuracy by a remarkable amount.