Topic Classification in Social Media

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# Abstract

The aim of this project was to use machine learning to classify all public Tweets from Twitter as a rumour or non-rumour where the results could then be retrieved through a rich internet application for visualisation. From the research conducted there were very few existing projects that have tackled rumour detection in social media, and from the information gathered this will be the first project which uses natural language processing and machine learning for the early detection of a rumours in social media.