Users’ Topic Detection from Tweets based on Keyword Extraction

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Abstract

In this paper, a different approach for detecting users’ topic of interest in twitter based on keyword extraction methods and neural network has been shown. An approach to Text Mining is proposed by extracting the topics relevant to some keywords and further used in predicting topics from users’ tweets (Twitter posts). The TF-IDF method has been used to extract keywords in this work. The proposed method, which uses neural network, has been shown to be efficient for topic detection and further comparison. Back propagation method is used to train and to learn the neural network.

References


Index Terms

Computer Science  
Artificial Intelligence

Keywords

Neural Network, Keyword Extraction, Topic Detection, Twitter.