Trend Analysis on Twitter for Predicting Public Opinion on Ongoing Events

Abstract

Twitter is most popular social media that allows its user to spread and share information. It Monitors their user postings and detect most discussed topic of the movement. They publish these topics on the list called “Trending Topics”. It show what is happening in the world and what people’s opinions are about it. For that it uses top 10 trending topic list. Some topic will trend at some point in the future and others will not. We wish to predict which topics will trend. And apply algorithm to find out what public opinion about that topic which use to predict mood. In this paper, we propose model which use machine learning algorithm and classify sentiment of twitter message. For that we collect tweet, preprocess that tweet, find trending topic and apply multi classifier algorithm which predict public mood. We are going to use different measure such as precision, recall, F-measure. We will going to achieve better accuracy.

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Index Terms

Computer Science Information Systems

Keywords

Social media, Twitter, Twitter Trending Topic, Topic Detection, Text mining, Polarity detection.