A Comprehensive Study on Social Network Mental Disorders Detection via Online Social Media Mining

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Abstract: Nowadays, mental stress is posing a threat to people's health. People are becoming increasingly stressed as the speed of life quickens. It is difficult to recognise consumers' stress early enough to safeguard them. Because of the popularity of web-based social networking, people are accustomed to sharing their daily activities and communicating with friends via web-based networking media platforms, allowing for the use of online social network data for stress detection. We discovered that a user’s stress level is closely related to that of his or her social media friends in our system, and I used a large-scale dataset from real-world social platforms to comprehensively investigate the relationship between user stress levels and social interactions. In our system, we discover that a user's stress level is closely related to that of his or her social media friends, and we use a large-scale dataset from real-world social platforms to comprehensively investigate the link between user stress levels and social interactions. After defining a collection of stress-related textual, visual, and social variables from multiple perspectives, I suggested a system for doing sentiment analysis of Facebook posts using SVM after topic formation. We can determine whether or not a user is stressed. After determining whether or not users are stressed, a hospital advice can be made on a map, and the administrator can send an email with a precaution list to the user so that they can live a healthy and happy life.

Keywords: Mental Stress, Facebook Post, SVM, Social Networking

REFERENCES