Abstract

Social networks have become a vital component in personal life. People are addicted to social network features, updating their profile page and collaborating virtually with other members have become daily routines. Social networks contain massive collection of data. Web data mining is a new trend in the current research body. This conceptual paper introduces a framework that can be used to mine social network data. The proposed framework tries to handle the major limitations in current web mining frameworks by handling the unstructured and dynamic behavior of web data. Framework adopts the Hidden Markov Model to the data mining algorithm to predict the next status of web data.

References

- E. Ackerman and E. Guizzo, ''5 technologies that will shape the web'', IEEE Spectr., vol. 48, no. 6, pp. 40-45, 2011.
- F. Bonchi, C. Castillo, A. Gionis and A. Jaimes, ''Social Network Analysis and..."

Index Terms

Computer Science

Information Science
### Keywords

- Social Networks
- Web Data Mining
- Framework
- Social Network Analysis
- Hidden Markov Model