Abstract

World Wide Web (WWW) has huge number of Web pages with various types of information and has become one of the main resources of knowledge nowadays. Since more than two billion people currently use Internet and Social network Websites, therefore exploration of different effects of Internet usage on various aspects of life of these users is very essential for both business owners and academic advisors. Outlier detection is an area of research with a long history which has applications in many fields. However, there is no specific study to identify outliers in students’ community based on their Internet usage behaviors. Major contributions of this research are: • The summary of Internet usage behavior of students (such
as the average [time spent on Internet, number of visited Web pages] and the most popular visited Websites) is presented. • A group of users whose usage behavior is perceptible differences with others is identified and introduced as Outliers. • The relationships between Internet usage behavior and medical problems in both normal users and Outliers have been studied.

References

- Tang, H. L. Personality, Social Network Sites, And Leisure Activities—A Conceptual Exploration.
- Stepanikova, I., Nie, N. H., & He, X. 2010. Time on the Internet at home, loneliness,
The Relationship between Internet Usage Behavior and Health Problems


Index Terms

Computer Science
Data Mining

Keywords

Internet Usage Behavior (iub) Category Of Visited Websites Social Networking (sn)
Academic Performance
Outliers