Abstract

Medical domain is a huge scientific domain where a large amount of data is available for analysis and discovery. In this proposed work a search improvement technique is suggested which provides guidelines for finding appropriate data during medicine search. That is because the basic search systems contain three major modules first query interface, second for search methodology and finally search ranking. User provide input to the search interface than the search system find the data from database according to the user query, finally results are ranked according to the relevancy of the user query. The proposed improvement is implemented on the query input phase for improving the user query for finding the more accurate and nearer medicines from the database.

References

- Aarti Kaushik, Gurdev Singh & Anupam Bhatia, "SVM Classification in Multiclass
- NATHAN HALKO, PER-GUNNAR MARTINSSON, YOEL SHKOLNISKY, AND MARK TYGERT, "AN ALGORITHM FOR THE PRINCIPAL COMPONENT ANALYSIS OF LARGE DATA SETS," http://amath.colorado.edu/faculty/martinss/Pubs/2010_07_05_outofcore.pdf
- Ian H. Witten, "Text mining," Computer Science, University of Waikato, Hamilton, New Zealand

Index Terms

Computer Science
Databases

Keywords
Text mining support vector machine (svm) principal component analysis (pca) biomedical research.