Abstract

Lack of deficiency of information in different particular areas like science, engineering as well as bioinformatics has several problems. To overcome these issues, proposed a system and that system fusioning different kind of information inside single or individual unit for the preference or for the research of different existing areas. There is information fusioning is achieved through the matrix factorization based on heterogeneous information datasets that works together upon the proposed system. In proposed system new concept DFMF for the generation of prediction is utilized through the matrix factorization method. Similar system also accomplishes fusion as well as information prediction of the gene and pharmacologic activities.

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Index Terms

Computer Science                   Information Sciences

Keywords

Data fusion, Data integration, Factorization, Bioinformatics, Cheminformatics