Knowledge Discovery in Databases

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**Abstract:** Development of technologies for databases systems as well as dissemination of information systems in various areas such as: administration, banking, commerce, industry, science and universal use of the Internet network resulted in the accumulation of huge volumes of data and information. This accumulation made it necessary to invent a solution that would allow to extract from the data useful and structured information. This became the basis for the development of data mining technology. In the evolution of the databases systems it is one of many steps in the process of exploration of databases. Currently more complex type of information is being investigated: multimedia (photos, videos, music), spatial waveforms (maps), chemical structures (DNA sequences), social networks [5]. The article presents new opportunities of discovering the knowledge in databases. (A minimum of 1000 and maximum 2000 characters – so that the abstract including keywords and references will stay at single page.)

**Keywords:** knowledge, database, data mining, information overload

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