

Research on sequential pattern mining techniques and applications

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Abstract: This topic focuses on researching and implementing sequential pattern mining techniques to meet the demand for data analysis in practice. The objective of the research is to build a system capable of effectively detecting and synthesizing patterns from complex data sequences. The approach includes both theoretical and experimental methods, through simulation and testing on large databases to evaluate performance. The expected results will contribute to the field of data science, particularly in developing in-depth analysis tools for industries such as healthcare, finance, and business.

Keywords: Sequential pattern mining, Complex data, Analytical system