

Research on Web data mining and application of topic information extraction search

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Abstract: In the modern context, managing and exploiting large amounts of web data has become an urgent need. This topic focuses on researching and developing a system for searching and extracting topic-specific information from web sources, aiming to efficiently address the collection and processing of relevant information. Through the process of experimentation and application deployment, the goal of this topic is to build a system capable of automating this process while ensuring high accuracy and reliability. The expected research results will contribute positively to the fields of data science and artificial intelligence, supporting information management activities in practice.

Keywords: Web data mining, topic information extraction and retrieval, automation system