Role of data mining in cyber security

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Abstract:

The prevalence of data mining technology spans a spectrum of activities, from leveraging historical data for marketing campaign prognostication to scrutinizing financial transactions for illicit patterns and dissecting genome sequences. Inevitably, this evolution has led data mining to infiltrate the critical realm of computer security. This book compiles a compendium of research endeavors illuminating the application of data mining in fortifying computer security measures.

Keywords:

Scan Detection; Virus Detection; Anomaly Detection; Security