Abstract

The advent of world-wide web not only changes our life view but also gives rise to advanced forms of digital crimes. Today's era is the digital age, over the internet most of the facts are transferred through the digital devices. Cyber criminals always use Digital devices to conduct digital crime. The applicability of various forensics techniques in digital forensics helps the forensics investigators to adopt practical frameworks and methods to recover data for analysis which can comprise as evidence. In the field of Digital Forensics Data Mining has huge prospective. Computer forensics is a rising discipline investigating the computer crime. The goal of data mining technique is to find the valuable relationships between data items. This paper proposes a data mining approach for digital forensics investigations which is very important in today's information age. Frequent Sequence Mining in data mining is one of the most important concepts used in Digital forensics Science. This thesis is an imperative work for Digital forensics investigations with maximum accuracy by using GSP algorithm.
An Enhanced Approach for Digital Forensics using Innovative GSP Algorithm

Index Terms

Computer Science

Algorithms

Keywords

Digital Evidence  Cyber Forensics  Sequence mining  Data SOM classification

BARTLETT's test