Abstract

In recent years, there is a wide amount of data available; which can be any one’s personal data or any organization’s important data. The main problem is to hide sensitive information, which include personal information, fact or even pattern which is generated by any data mining algorithm. Hence the desire to keep our own sensitive data secret in multiparty storage system is an important challenge of privacy preserving. The traditional privacy protection methods cannot do well, facing an urgent need for privacy protection in data mining, when they protect sensitive data. This paper propose a technique that protect electronic data in centralized database using Improved Advance Encryption Standard (AES) and Secure Hash Algorithm (SHA) This method is suitable for any type of data like- text, image and video.

References


Index Terms

Computer Science

Security

Keywords

Protecting privacy: data mining: sensitive data.