ABSTRACT

Our mini project, titled "Data Encryption App", focuses on developing a software application that utilizes the Advanced Encryption Standard (AES) algorithm for strong text encryption and decryption. It aims to enhance privacy and security by protecting sensitive files and documents from unauthorized access.

Encryption is crucial in today's network-driven world to ensure secure information exchange. The project explores the design and implementation of computer security, specifically focusing on data encryption and decryption using the AES algorithm. Java is the chosen programming language for its cross-platform compatibility.

The project emphasizes the importance of encryption and offers a practical tool for safeguarding data. Overall, the "Data Encryption App" mini project report showcases the development of a user-friendly application with robust encryption capabilities to secure sensitive information.

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Mini Project Associates

JEEVITHA V	4JN20CS040
MAHATHI KASHYAP	4JN20CS052
NITHIN S S	4JN20CS067
ROHIT D	4JN20CS084

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