

The Future Risk of Biometric Data Theft in Cybersecurity

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Abstract

The aim of this paper is to analyze the technical and engineering issues surrounding the future risk of biometric data theft in cyber security. Biometric data, such as fingerprints, facial recognition, and voice recognition, are increasingly being used as a means of authentication in various industries. However, the collection, storage, and transmission of biometric data present unique security challenges, as this data is highly personal and cannot be changed if compromised. In this paper, we will examine the vulnerabilities in biometric authentication technologies, the risks associated with the use of biometrics in various industries, and the measures that can be taken to mitigate these risks.

Index terms: authentication, biometric data, cybersecurity, risk, theft

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