

# An Innovative Mechanism for Fast Detection of Transformed Data Leakage

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**Abstract:** *The proliferation of data-driven technologies and the increasing reliance on data sharing have led to a growing concern regarding the leakage of sensitive information. Attackers often attempt to obfuscate the stolen data to evade detection and maximize their gains. Traditional data leakage detection methods may struggle to identify transformed data effectively. In this paper, we propose a novel mechanism for fast detection of transformed data leakage. Our approach leverages advanced data analysis techniques and machine learning algorithms to identify data leaks even when the stolen information has undergone significant transformations. The experimental results demonstrate the effectiveness and efficiency of our proposed mechanism in detecting transformed data leakage*

**Keywords:** Data Leakage, Machine Learning Algorithms, Data Transformations

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