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Machine Learning Applications for Accounting Disclosure and Fraud Detection

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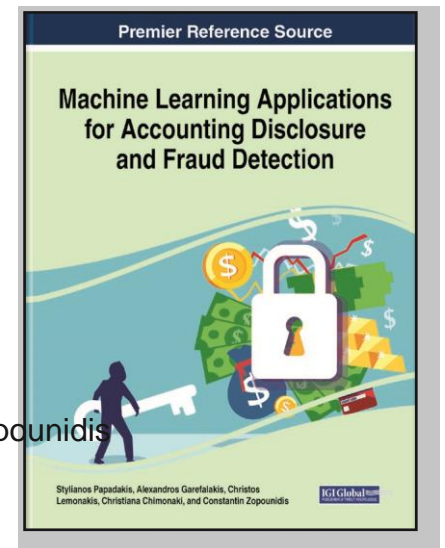
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Machine Learning Applications for Accounting Disclosure and Fraud Detection

Part of the Advances in Finance, Accounting, and Economics Book Series

Stylianos Papadakis (Hellenic Mediterranean University, Greece),
 Alexandros Garefalakis (Hellenic Mediterranean University, Greece),
 Christos Lemonakis (Hellenic Mediterranean University, Greece),
 Christiana Chimonaki (University of Portsmouth, UK) and Constantin Zopounidis
 (Technical University of Crete, Greece)



Description:

The prediction of the valuation of the “quality” of firm accounting disclosure is an emerging economic problem that has not been adequately analyzed in the relevant economic literature. While there are a plethora of machine learning methods and algorithms that have been implemented in recent years in the field of economics that aim at creating predictive models for detecting business failure, only a small amount of literature is provided towards the prediction of the “actual” financial performance of the business activity.

Machine Learning Applications for Accounting Disclosure and Fraud Detection is a crucial reference work that uses machine learning techniques in accounting disclosure and identifies methodological aspects revealing the deployment of fraudulent behavior and fraud detection in the corporate environment. The book applies machine learning models to identify “quality” characteristics in corporate accounting disclosure, proposing specific tools for detecting core business fraud characteristics. Covering topics that include data mining; fraud governance, detection, and prevention; and internal auditing, this book is essential for accountants, auditors, managers, fraud detection experts, forensic accountants, financial accountants, IT specialists, corporate finance experts, business analysts, academicians, researchers, and students.

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Topics Covered:

Data Mining

Financial Management

Fraud Detection

Fraud Governance

Fraud Prevention

Internal Auditing

Investment Analysis

Machine Learning

Risk Management

Supervised Learning

Subject: Business and Management

Classification: Edited Reference

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