

Peer Review

Review of: "AI-powered Fraud Detection in Decentralized Finance: A Project Life Cycle Perspective"

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This paper offers a timely and useful survey of AI-powered fraud detection in DeFi, organized around the project life cycle. Its main strength is the clear taxonomy, which helps readers understand how different fraud types and detection methods map to stages such as development, growth, and decline.

The survey covers a broad range of DeFi frauds and brings together work from statistics, machine learning, NLP, tree-based models, and graph-based methods. The paper is well-structured and makes a meaningful contribution by connecting fraud patterns with practical detection approaches.

My only suggestion would be to strengthen the description of the survey methodology and clarify how some fraud types fit into multiple life-cycle stages. Overall, this is a solid and relevant review that should be valuable to researchers and practitioners in DeFi security.

Declarations

Potential competing interests: No potential competing interests to declare.