



Analysis of Smart Contract Development Platforms

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Project Objectives:

The purpose of this study is to advocate an alternative decentralized blockchain platform aside from Ethereum that can establish smart contracts with lower transaction fees without compromising the security of transactions. We will only consider alternatives that employ the Proof-of-Stake protocol which was designed to tackle the shortcomings of the Proof-of-Work protocol utilized by Ethereum. To achieve a more in-depth assessment, we will also limit our considerations to the 3 most popular Proof-of-Stake blockchains, namely Polkadot, Cosmos, and Cardano. Insights from this study will allow more users to reap the benefits of transactions on blockchain platforms.

