



# ZoKrates DevEase

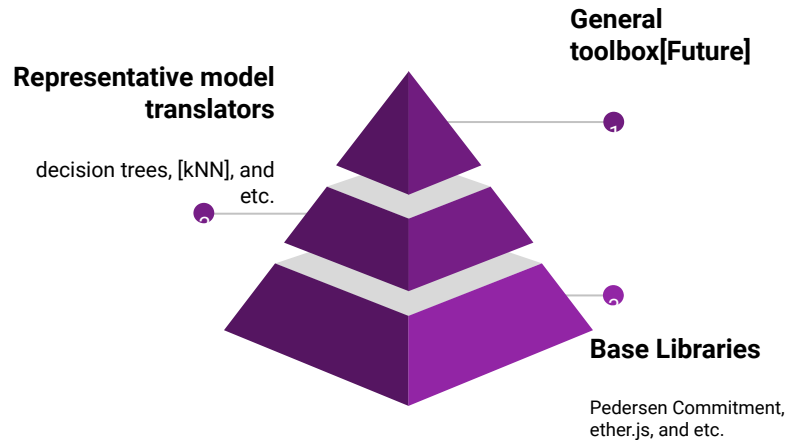
Make ZoKrates powerful with Decision Tree Prediction and Pedersen Commitment





# Overview

The ZoKrates DevEase aims to bring machine learning abilities, enhancing the existing libraries, and providing the up-to-date tutorial.





# Base libraries

## 01

ZoKrates DevEase builds frequently used libraries, such as Pedersen Commitment and ether.js call. Developers will be able to use these libraries to simplify the development of on-chain apps in the EVM ecosystem.





# Representative model translators

## 02

ZoKrates DevEase builds a translators for representative a ML model – decision tree, making it easier for developers to customize their own ML models. This phase was implemented with reference to keras2circom and ZK-DTP.



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Project Vision for Future

Generalized toolbox enabling developers to directly migrate Dapps and trained Python models to ZoKrates.



# Target audience

Financial, commercial, health, medical, game developers

- 01 | Financial firms, on-chain authentication, KYC
- 02 | Commercial users, provable models
- 03 | Certifiable health testing, information sharing
- 04 | Medical Image Mining
- 05 | On-chain intelligent games





Contributor

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- Marie Curie Fellow
- Currently pursuing a PhD related to database and zero-knowledge proofs







# Thank you.

