

✨ Price Prophet ✨

iExec - autonolas - IPFS - Arweave - Cronos - Gnosis Safe - Sommelier



The Team



8ball030



Zarathustra



0xArdi



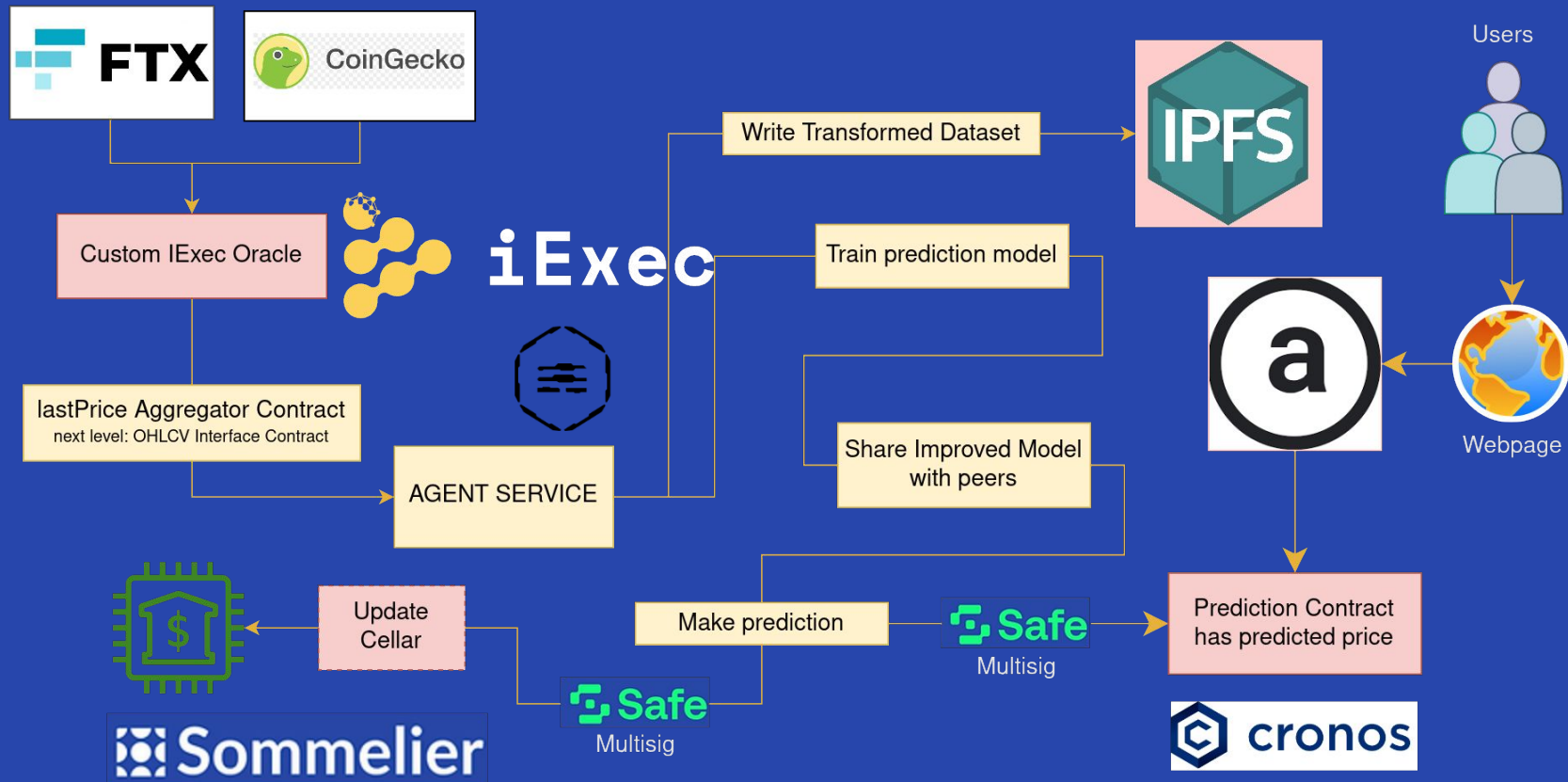
mohandast52



dakavon

ready?





Demo video

https://drive.google.com/file/d/1QyVDWoqrb01sny8METzD5_V0kQqIvW_W/view?usp=share_link



Wait WHAAAT?



iExec integration

1

1. We generated custom APIs via the 'OracleFactory'
2. retrieve BTCUSD price information
 - FTX
 - Coingecko
 - ... as many as we want ...



Your newly created oracle is here!

3. Aggregator Contract(*) retrieves info for caller and stores last value
 - available also through events

- (*) to be deployed as soon as gets whitelisted



IPFS integration

2

We used the decentralised filestorage to store pre-process training data annotated with TA-lib.

For an example of this data set please see

<https://gateway.autonolas.tech/ipfs/QmZtf1RwXDTJso7CkfajNHUC5CQaGvf3YWPRPrEGhFTSLg>

This allows us to annotate the dataset with more than 100 technical indicators.



Cronos integration

3

We deployed our contracts on Cronos;

We were able to verify them additionally on mainnet the Cronos labs hardhat extension

Deployments

1. Safe contract

[0xd87bEe9DDD28773ac2EBEE70AE005F2DeB46B400](#)

2. Price Prediction Contract

[0xACF6F2b3dfCC96DcE5BdFFC422cbDd3b179727db](#)



Arweave integration

4

Price Prophets website is served via Arweave.

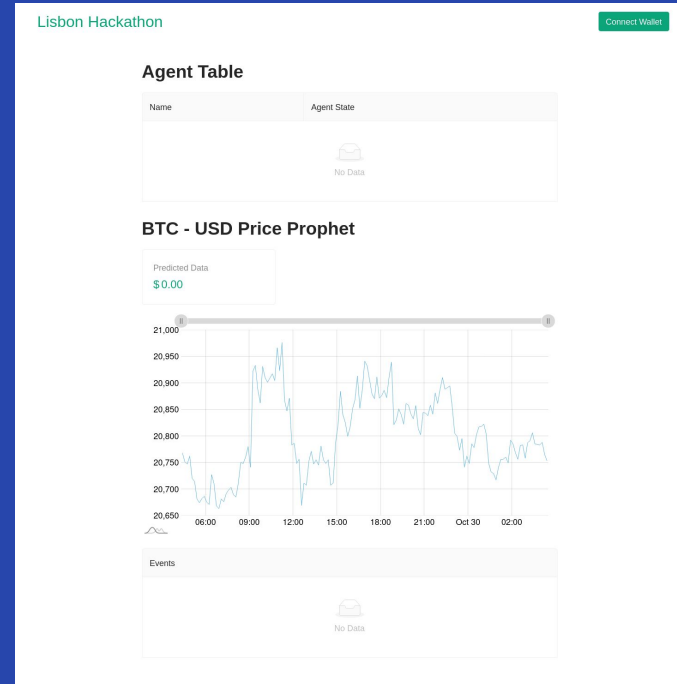
Link to project (early stage):

<https://5qasz2sfqezdvqzevdg7uct2t42vr4qediteipchzbaio4yqjxja.arweave.net/7AEs6kWBMjrDJKjN-gp6nzVY8gQaJkQ8R8hAh3MQTdI/>

Due to library choices, we found an optimised build deployed led to a poor result. Likely due to third party deps. (Next.js)

A more traditionally hosted frontend is available here;

<http://146.190.230.176:3000/>



Sommelier Integration

 We initially wanted to use this application to drive a sommelier strategy

 This is on the the roadmap for next steps



Why Price Prophet?



Your entrance to DeFi with predictive strategy.



Agents and operators decentralised around the world



Access to team trading experience



Next Steps

- Enroll additional agent operators for decentralization
- Finetune decentralized hyperparameter optimisation
- Leveraged trading based on the generated signals

