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IDEA - Cado

- Cado - Avocado Crop Insurance
- Blockchain + AI
- Timely payouts

BLOCKCHAIN IN CADO

Parametric insurance

Another use case for Blockchain is parametric insurance. Instead of indemnifying the pure loss, insurers would agree to pay a certain amount upon the occurrence of triggers within preset smart contracts. For example, if an earthquake were to occur in a given region above a magnitude of 5, the smart contract would automatically pay 20 percent of the insurance claim to policy holders. Contracts require mutually trusted third-party administrators (TPAs) to adjust. As parametric insurance becomes popular, its process will likely improve to play a key role in the widespread adoption of smart contracts.



CONT - BLOCKCHAIN IN CADO

- Payments
- Transparency
- Proof Of Insurance

SOLIDITY IN CADO

- Contract
0x50ebe9ad50dcf1be1a35570e295
87fa9f6ecdb46



AI IN CAD0


- **ALGORITHM TO COMPUTE PAYOUT**
- **FEATURES** - RAINFALL, TEMPERATURE, HUMIDITY, ACIDITY, SIZE OF FARM, TECHNIQUES, PESTS, NATURAL DISASTER, ETC

CONT - AI IN CADO

$$\begin{bmatrix} \log(p_1/1 - p_1) \\ \log(p_2/1 - p_2) \\ \dots \\ \log(p_n/1 - p_n) \end{bmatrix}_{n \times 1} = \begin{bmatrix} x_{11} & x_{12} & \dots & x_{1p} \\ x_{21} & x_{21} & \dots & x_{2p} \\ \dots & \dots & \dots & \dots \\ x_{n1} & x_{n2} & \dots & x_{np} \end{bmatrix}_{n \times p} \begin{bmatrix} \beta_1 \\ \beta_2 \\ \dots \\ \beta_p \end{bmatrix}_{p \times 1}$$

CONT - AI IN CADO

$$P(\text{Success}) \cdot \text{Premium} + P(\text{Failure}) \cdot \text{Payout} = 0$$



DEMO TIME



THANK YOU ☺