



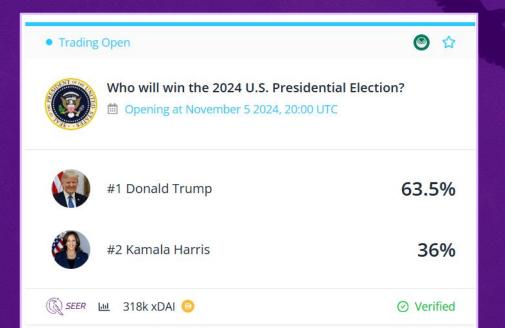
Workshop Goals

- → Learn about prediction markets & outcome tokens.
- → Get the highest amount of tokens.
- → Non competitive.



What is a Prediction Market?

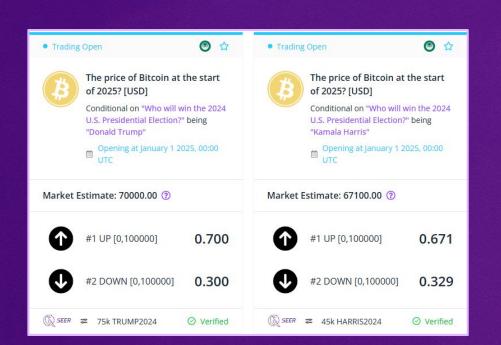
- → Collection of people speculating on unknown future events or outcomes.
- → Can produce forecasts more accurate than alternatives.

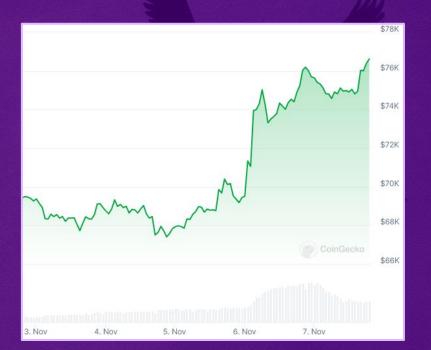




What is a Prediction Market?

→ Can also provide complex signals.







What do we need to create a PM?

- → Question

 Who will win the 2024 presidential election?
- → A list of outcomes

 Dems, Reps, Other
- → Oracle

 Reality.eth + Kleros, etc







The earliest date the market can settle and the time after which the market is to be invalid if the outcome is still unknown.

CREATE

OUTCOME

TOKENS

→ Underlying Token

To create the outcome tokens and to be given to users redeeming their tokens

Prediction market basics



Which party win the 2024 US election?



0.38 DAI -> 38%



0.61 DAI -> 61%



0.01 DAI -> 1%



Cat or Dog?

- → Can give 100 to get tokens of each outcome.
- → Buy/Sell to the AMM
- → Correct tokens redeem for 100.





Cat or Dog?





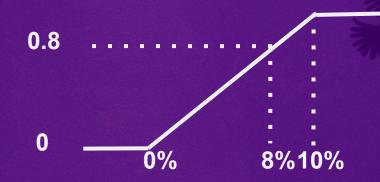
Word "Candle"

Candle



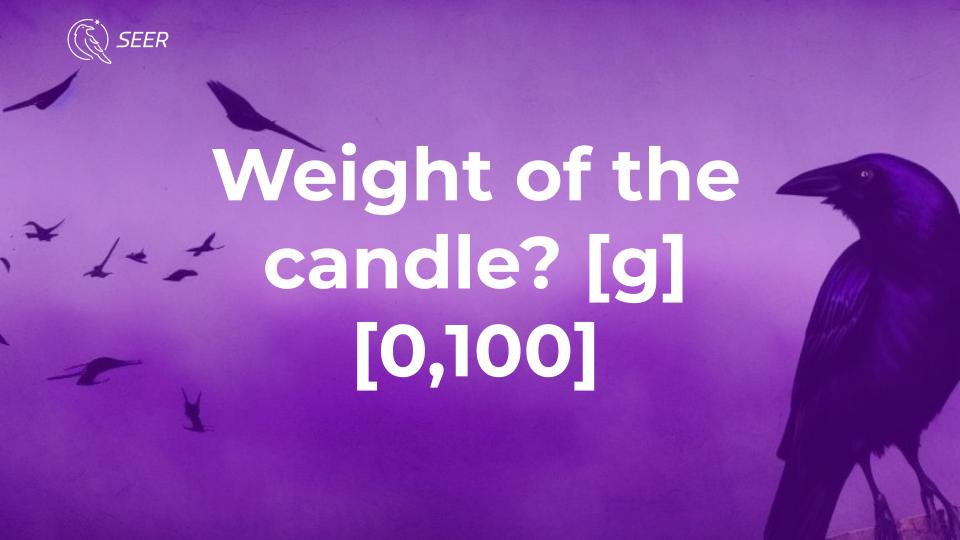
Scalar Markets

- → Set up up a range: [0%;10%]
- → Up/Down tokens.
- → Inflation = 0%: Down tokens redeem.
- → Inflation = 12%: Up tokens redeem.
- → Inflation = 8%
- → Down: 0.2
- → Up: 0.8











Revelation Loss

Туре	Amount	Price
Sell	1	90
Sell	1	80
Sell	1	70
Sell	1	60
Buy	1	50
Buy	1	40
Buy	1	30
Buy	1	20
Buy	1	10

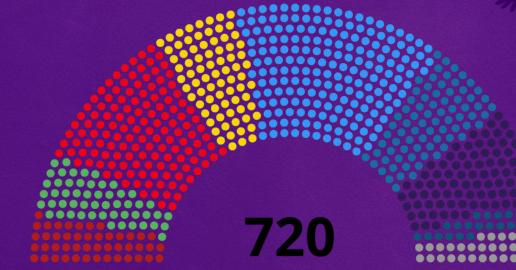




Multi scalar markets

→ Allow to estimate proportions

How many seats will [party] win?







Europe: 16 - 30%

Asia: 20 - 38%

→ North America:5 - 9%

South America:9 - 16%

Africa: 2 - 4%

Oceania: 1 - 2%

Total: 53





Contingent market



Who will be the democratic candidate?







Which party will win the 2024 US election?



0.30 BIDEN 30% if Biden candidate









2. Which rating will be given?





High Bias

Low Bias

High Variance



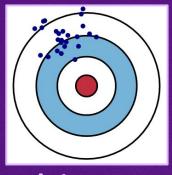
Low Variance



High Bias

Low Bias

High Variance



Autocracy





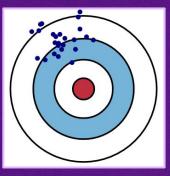
Oligarchy



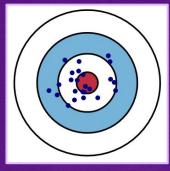
High Bias

Low Bias

High Variance



Autocracy



Democracy

Low Variance



Oligarchy



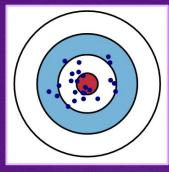
High Bias

Low Bias

High Variance



Autocracy

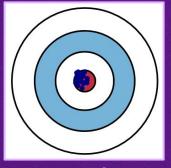


Democracy

Low Variance



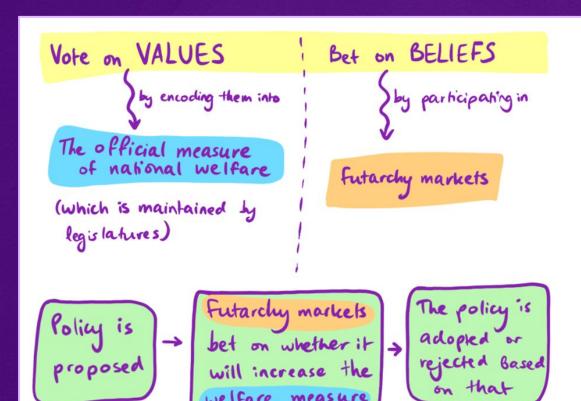
Oligarchy



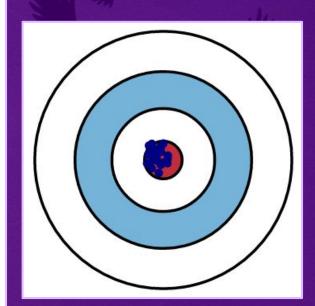
Futarchy?



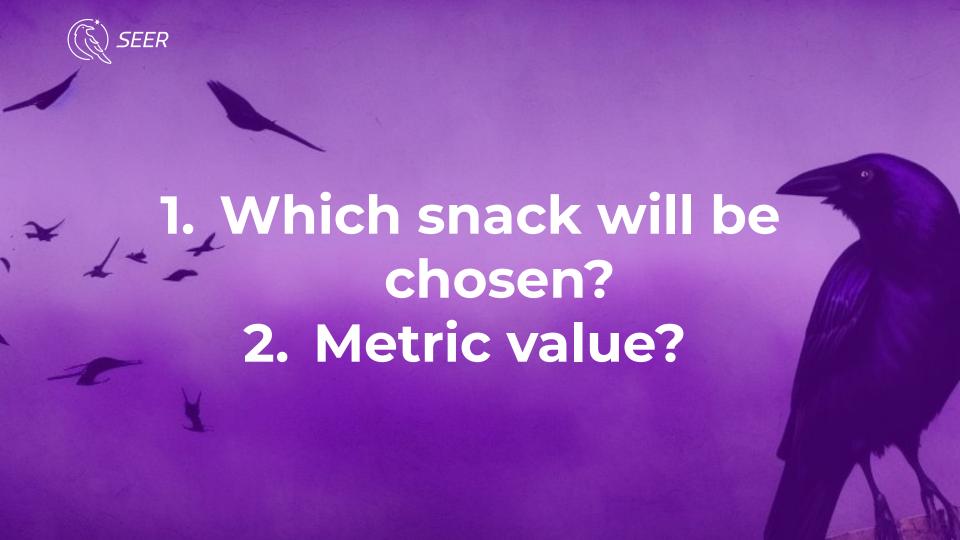
What is Futarchy?



welfare measure









Thank you!

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Seer team + Kleros team + Pone Pone