

# Lightning talk

[https://en.wikipedia.org/wiki/Lightning\\_talk](https://en.wikipedia.org/wiki/Lightning_talk)

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# Problem-Solving Framework

## The Feynman Problem-Solving Algorithm

1. Write down the problem
2. Think very hard
3. Write down the answer

# Problem-Solving Framework in Seoul AI

The Feynman Problem-Solving Algorithm

1. Write down the problem -> What problems should we solve?
2. Think very hard -> How can we solve this problems using AI?
3. Write down the answer -> predict and forecast

# Problem-Solving Framework in Seoul AI

The Feynman Problem-Solving Algorithm

- 1. Write down the problem**
2. Think very hard
3. Write down the answer

# What problems should we solve?

Healthcare

Image recognition

Robotics

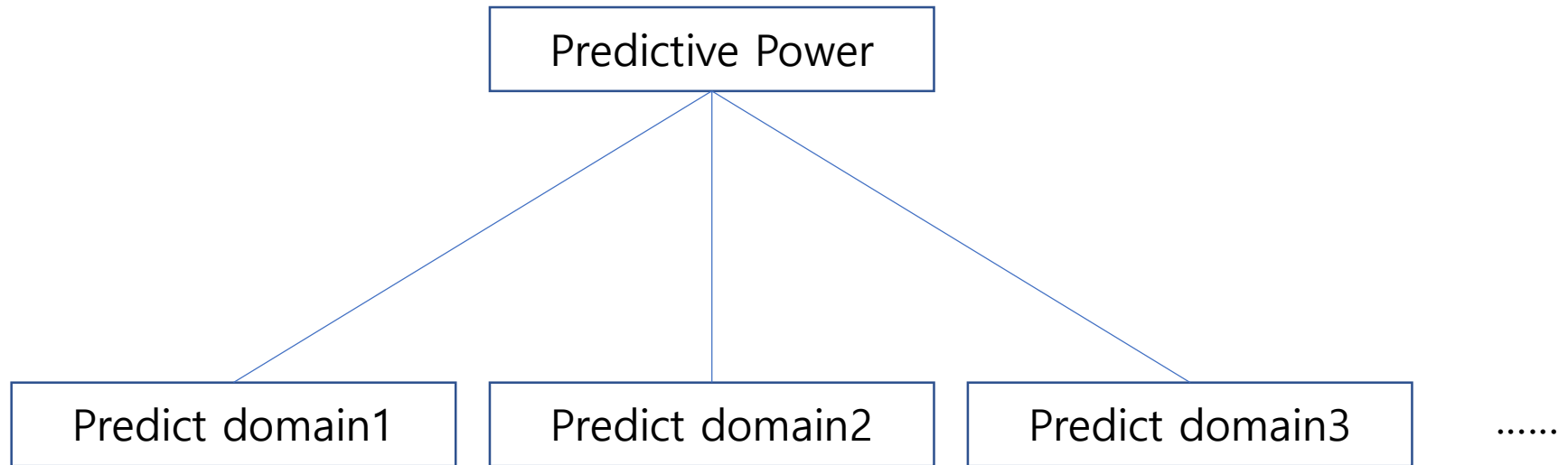
Finance

...

# What problems should we solve?



# What problems should we solve?





# Predictive Power

is Seoul AI's mission

# Seoul AI mission statement

**We must be the best in the world in forecasting using AI**

# Cryptocurrency trading project



# Cryptocurrency trading project

It is so hard to increase predictive power.

- 24/7 online data
- random walk data

# Seoul AI mission statement

**We must be the best in the world in forecasting using AI.**

**We must break down the entry barriers to AI by constantly simplifying the interface to access AI.**

# (1) Seoul AI Cryptocurrency Trading Gym

## Trading-Gym

Strategy1 / themartian / 98

Strategy2 / laplace / 95

Strategy3 / interstella / 88

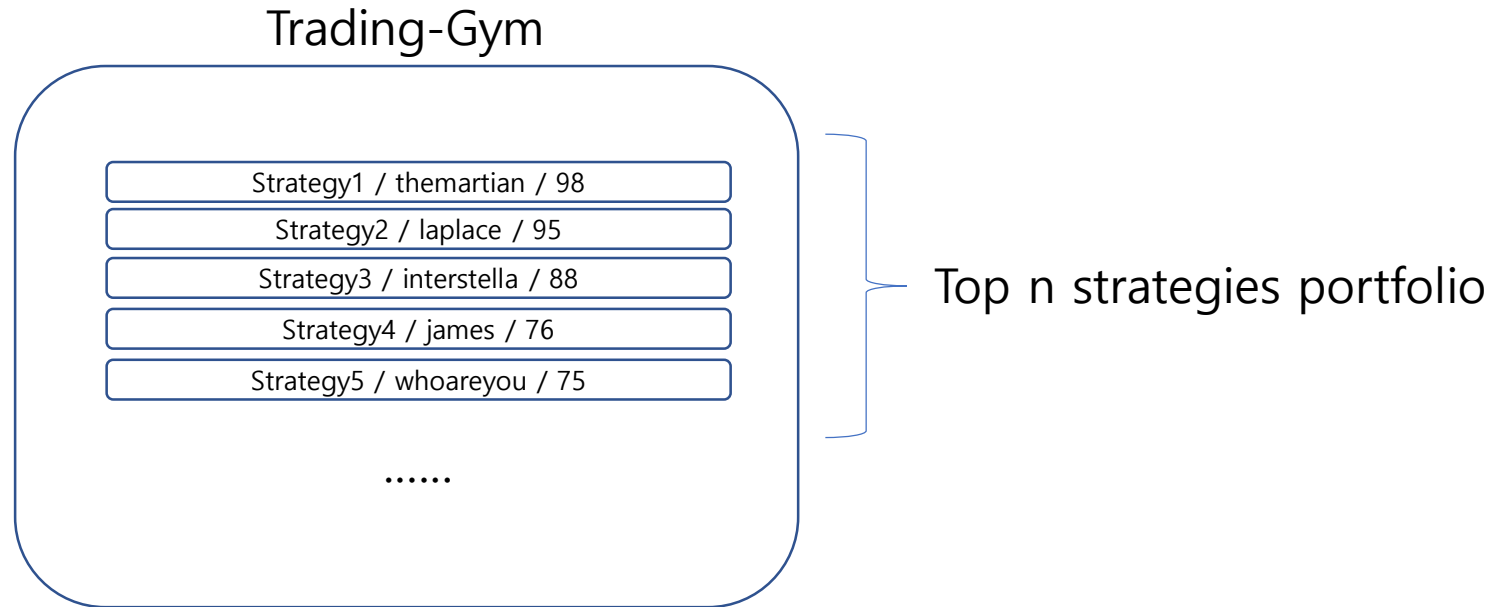
Strategy4 / james / 76

Strategy5 / whoareyou / 75

.....

Real transaction environment. (balance, fee and slippage ...)  
Back testing system (sharp ratio, max drawdown ...)  
Scoring system

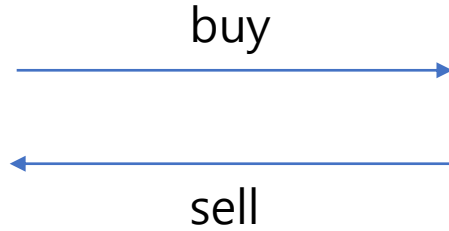
# (1) Seoul AI Cryptocurrency Trading Gym



## (2) Online Trading System

Seoul AI Wallet

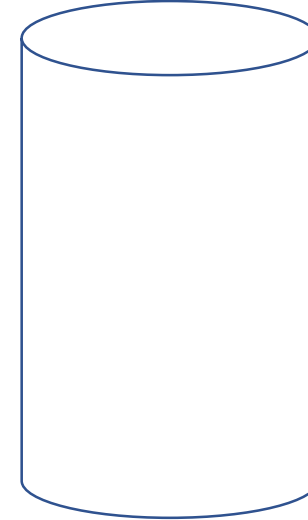
$$b = b_1 + b_2 + b_3 + \dots$$



Trading-Gym

Top n strategies portfolio

Exchange

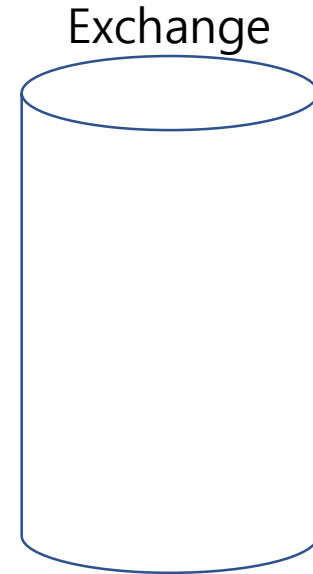
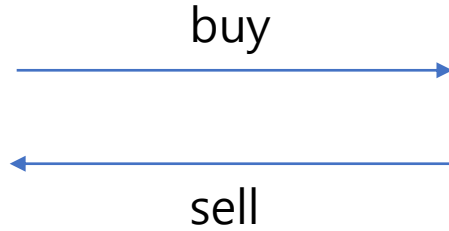




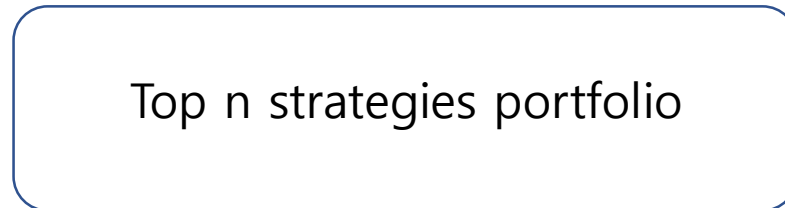
## (2) Online Trading System

Seoul AI Wallet

$$b = b_1 + b_2 + b_3 + \dots$$



Trading-Gym



Each of balance =  $b/n$

Strategy 1( $b/n$ )

Strategy 2( $b/n$ )

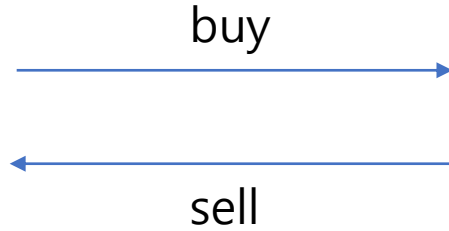
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Strategy n( $b/n$ )

## (2) Online Trading System

Seoul AI Wallet

$$b = b_1 + b_2 + b_3 + \dots$$



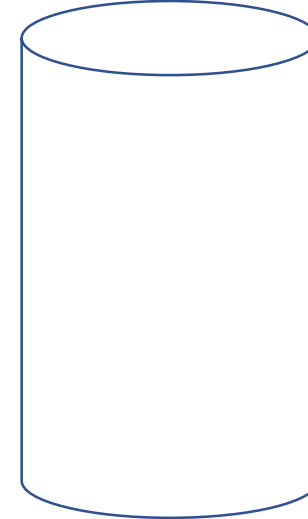
Trading-Gym

Top n strategies portfolio

$$\text{return}(b) = b \times (y\%)$$

$y\%$  = predictive power of Seoul AI

Exchange



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with me  
achieve our missions

# Cryptocurrency Trading Project Proposal

Thanks!