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

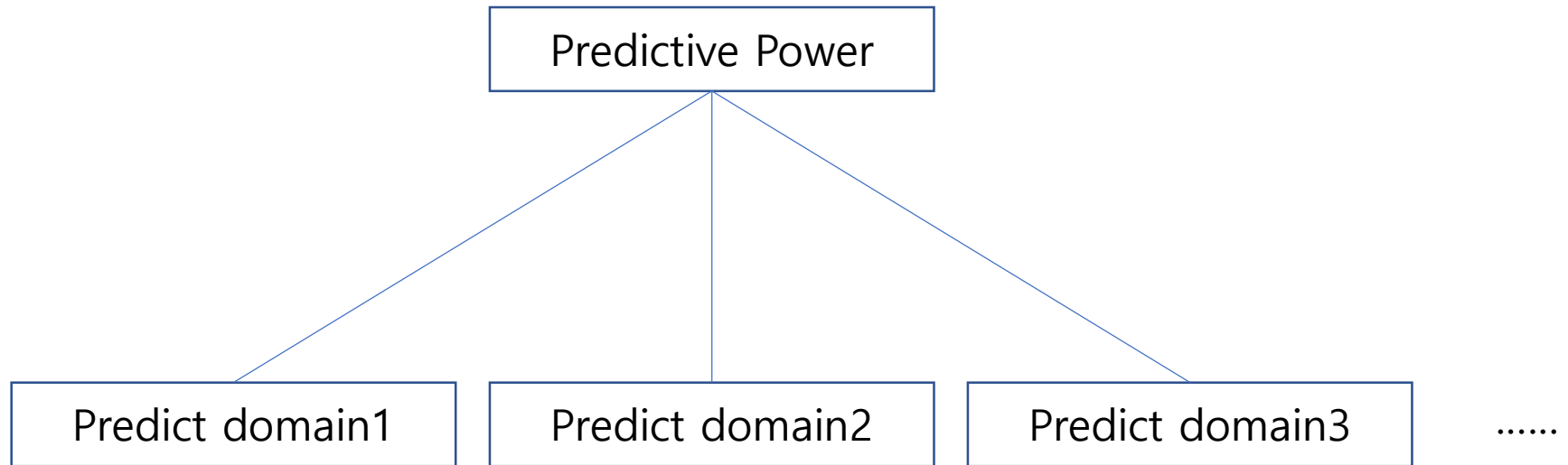# What problems should we solve?

Healthcare
Image recognition
Robotics
Finance
...

What problems should we solve?

| Predict domain1 | Predict domain2 | Predict domain3 | ...... |

What problems should we solve?

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                    ┌─────────────────────┐
                    │  Predictive Power   │
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| Predict domain1 | Predict domain2 | Predict domain3 | …… |

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

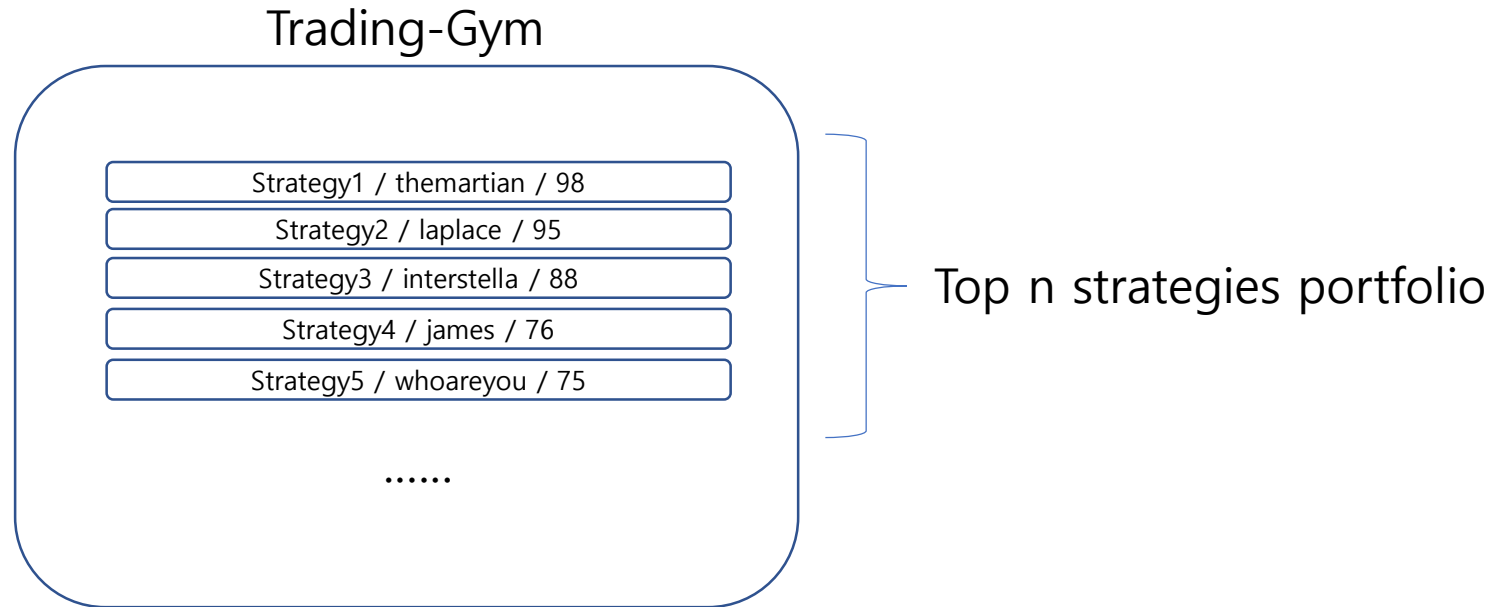Strategy1 / themartian / 98

Strategy2 / laplace / 95

Strategy3 / interstella / 88

Strategy4 / james / 76

Strategy5 / whoareyou / 75

......

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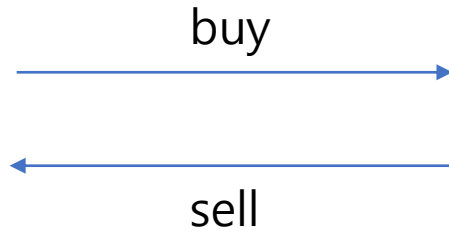Back testing system (sharp ratio, max drawdown ...)
Scoring system

(1) Seoul AI Cryptocurrency Trading Gym

Trading-Gym

Strategy1 / themartian / 98
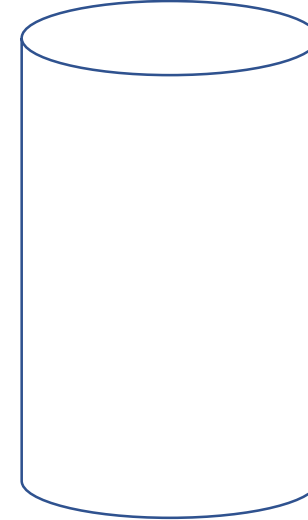Strategy2 / laplace / 95
Strategy3 / interstella / 88
Strategy4 / james / 76
Strategy5 / whoareyou / 75

......

Top n strategies portfolio

(2) Online Trading System

Exchange

Seoul AI Wallet

b = b1+b2+b3+...

buy

sell

Trading-Gym

Top n strategies portfolio

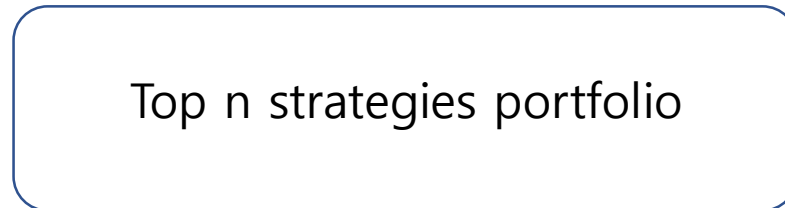# (2) Online Trading System

Exchange

Seoul AI Wallet

buy

sell
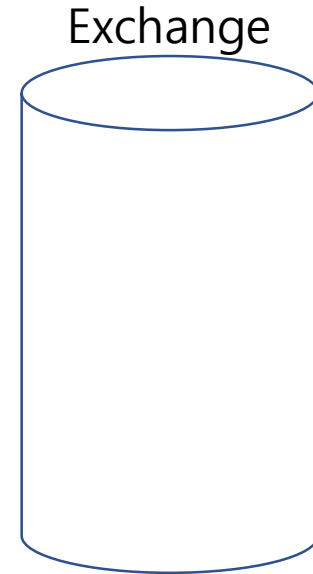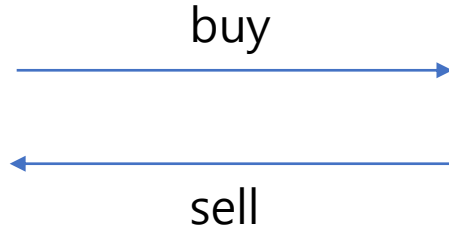
b = b1+b2+b3+…

Trading-Gym

Top n strategies portfolio

Each of balance = b/n

Strategy 1(b/n)
Strategy 2(b/n)
…
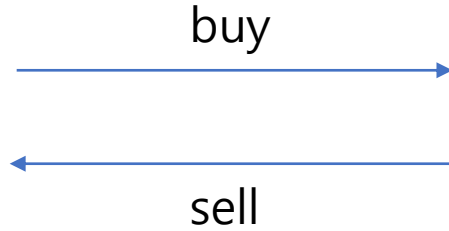Strategy n(b/n)
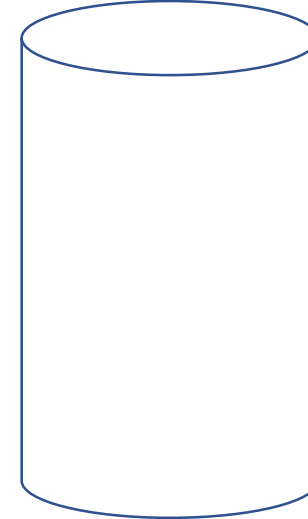
(2) Online Trading System

Exchange

Seoul AI Wallet

buy

sell

b = b1+b2+b3+…

Trading-Gym

Top n strategies portfolio

return(b) = b x (y%)
y% = predictive power of Seoul AI

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with me
achieve our missions

Cryptocurrency Trading Project Proposal

Thanks!