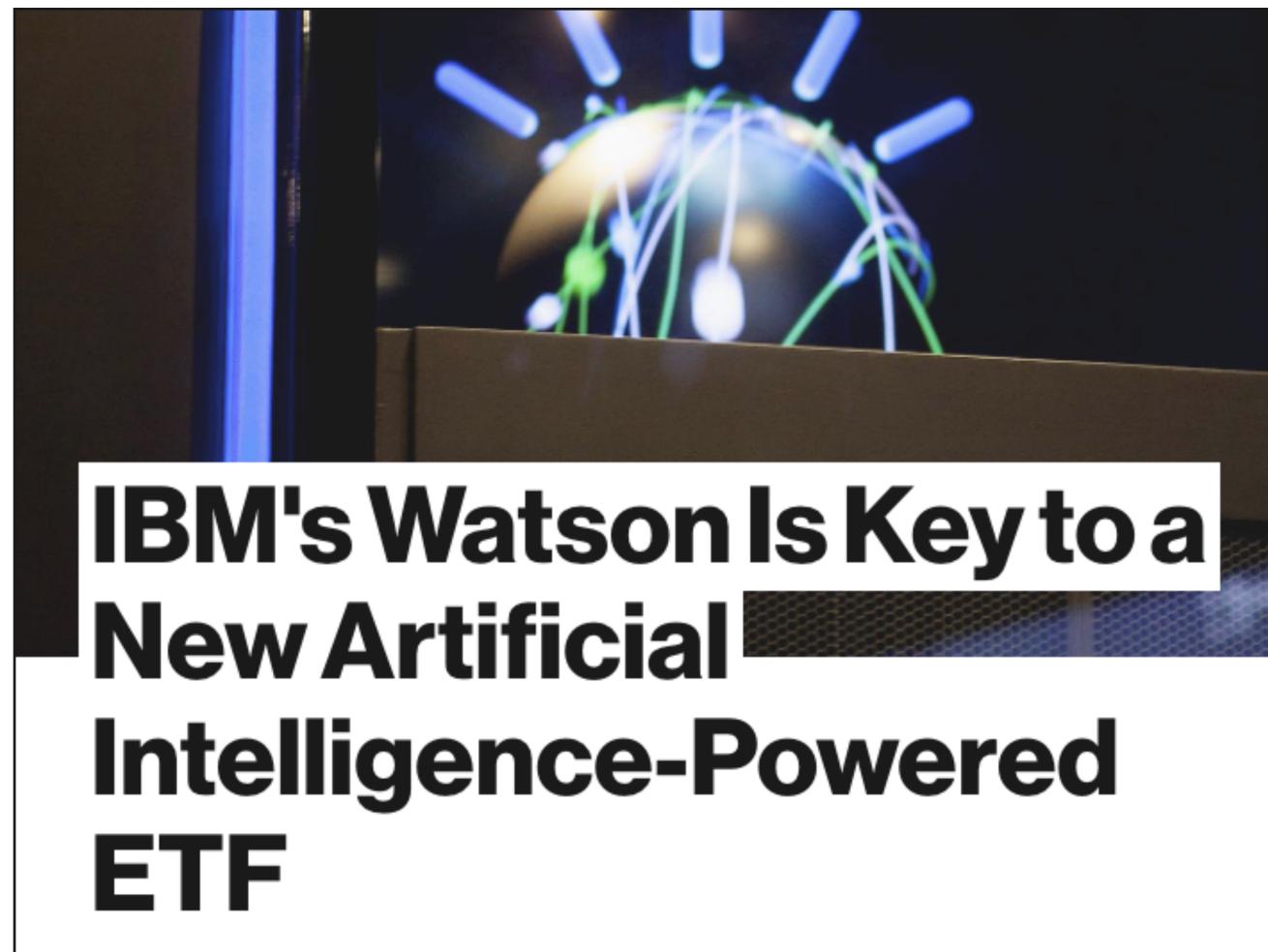
hiHedge

人工智慧在金融領域的應用

顧家祈

hiHedge 創辦人



By Sarah Ponczek

2017年10月18日 上午3:00 [GMT+8]

AIEQ

- · 運用IBM的華生 (Watson) 超級 運算技術來建立股票組合,分析 龐大資料
- · 2017/10/23 00:21 AI操盤手發威,打敗美大盤

量化交易 Quantitative Trading

依靠**數學計算和數字處理**股票價量資料,創造出一套量化交易策略



WORLDQUYNT





群眾外包量化交易 Crowd-sourcing

找尋金主募集資金,並在社 群中找尋出眾的策略、開發 者,共同經營避險基金



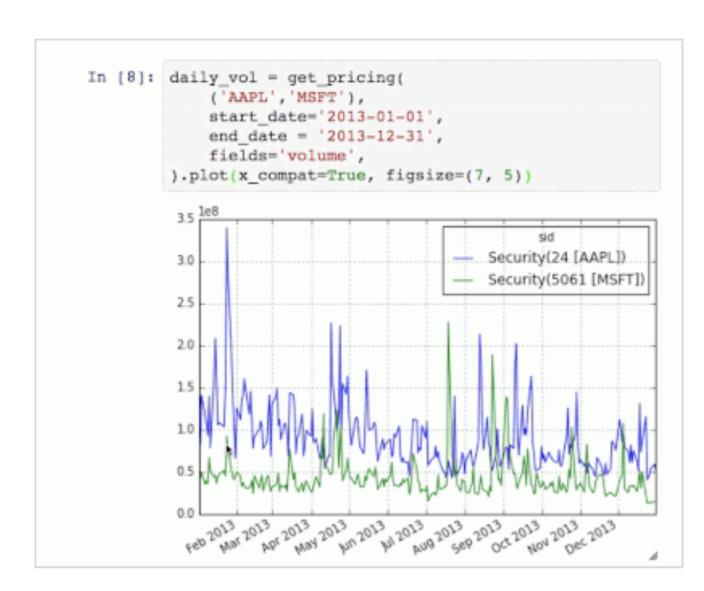








- Start using IPython Notebook right here in your browser. No installation or setup required.
- Use charting and plotting tools to discover patterns in pricing and fundamentals data.
- Quickly iterate on the most complex parts of your algorithm before backtesting on Quantopian.
- Learn new coding and data analysis techniques from notebooks that have been shared in our community.



Research is in open beta

Research is now available to all registered Quantopian users. Create an account to get access today.

Create Account

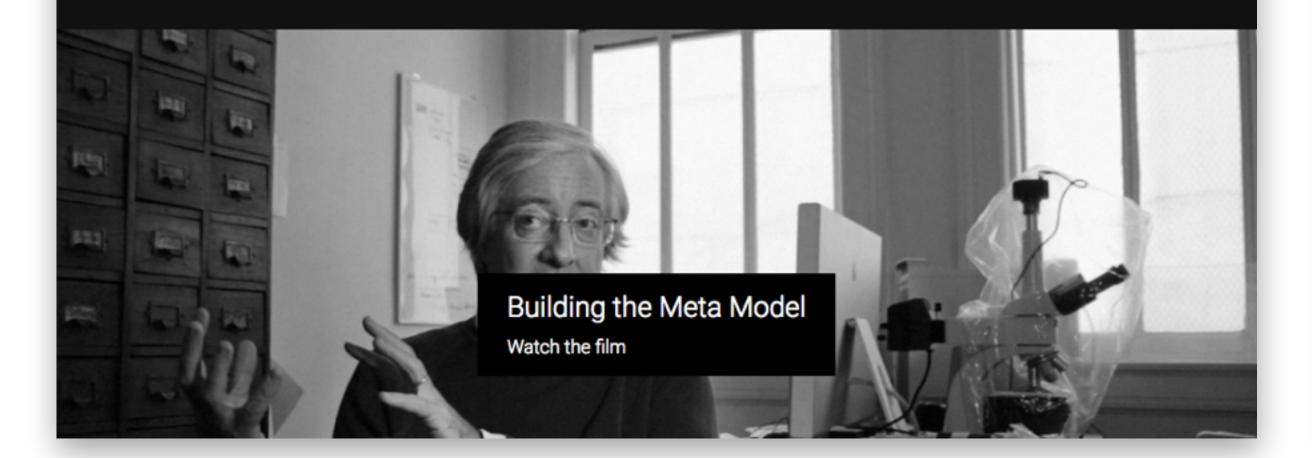
Already have an account?





rne stock market is inefficient with respect to new developments in machine learning — only a fraction of the world's data scientists have access to its data. Numerai is changing this.

Learn more in Encrypted Data for Efficient Markets









Philip Monk

Getting Started with Numerai's New Tournament API

Update: Now that API tokens have been released, the authentication flow has changed. This post has been edited to reflect the new way.

Today, Numerai released a new API to interact with our tournament. For more about...

Read more...



Numerai

A new kind of hedge fund data scientists.

More information

FOLLOWERS 3.2K

ELSEWHERE



AI 交易 AI Trading

讓AI來幫人類生成交易策略,並且使之能夠自行修正策略,因應市場變動



量化交易 Quantitative Trading



公開或付費資料數據

專家分析資料生成策略

量化交易策略

AI 交易 AI Trading



公開或付費資料數據

AI分析資料生成策略

AI交易策略

量化交易 (Quantitative Trading)

透過歷史資料辨識趨勢

需人為修正模型

比速度

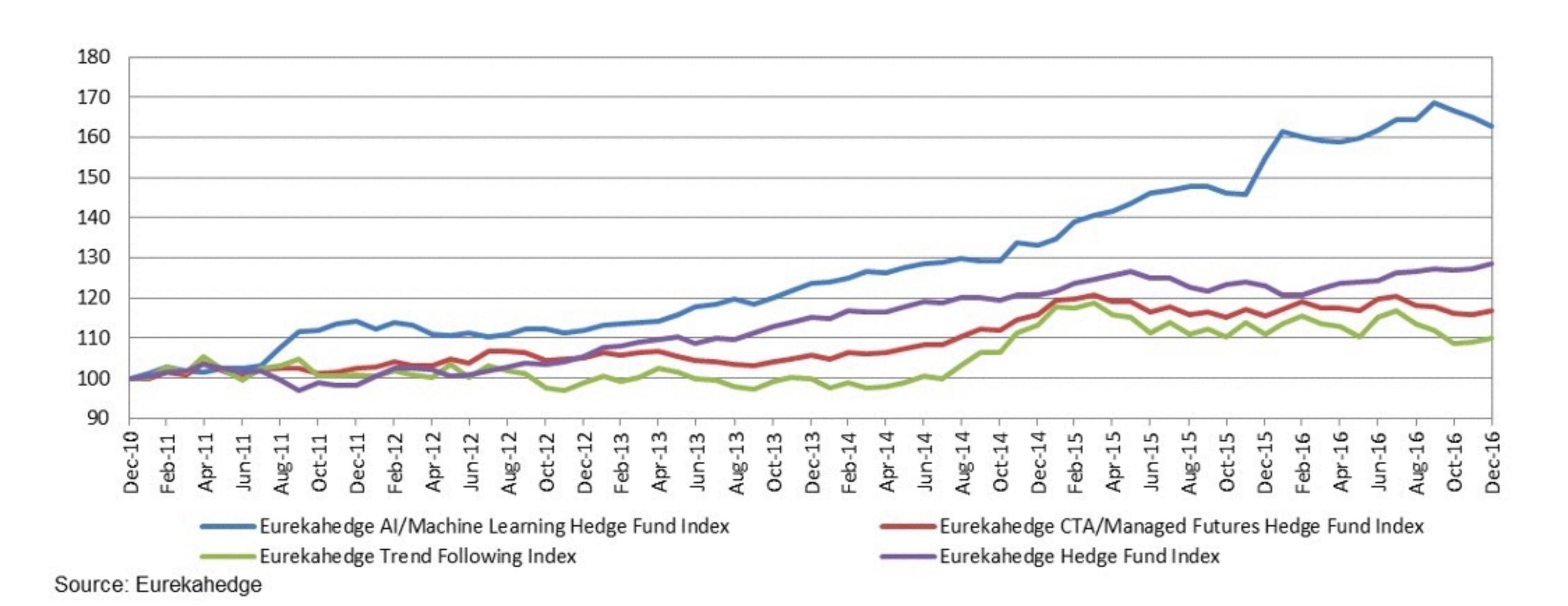
AI 交易 (AI Trading)

於實際交易中預測與適應趨勢

能自行修正模型

比運算能力的細緻度

AI/機器學習對沖基金 vs. 量化交易、傳統對沖基金指數比較表

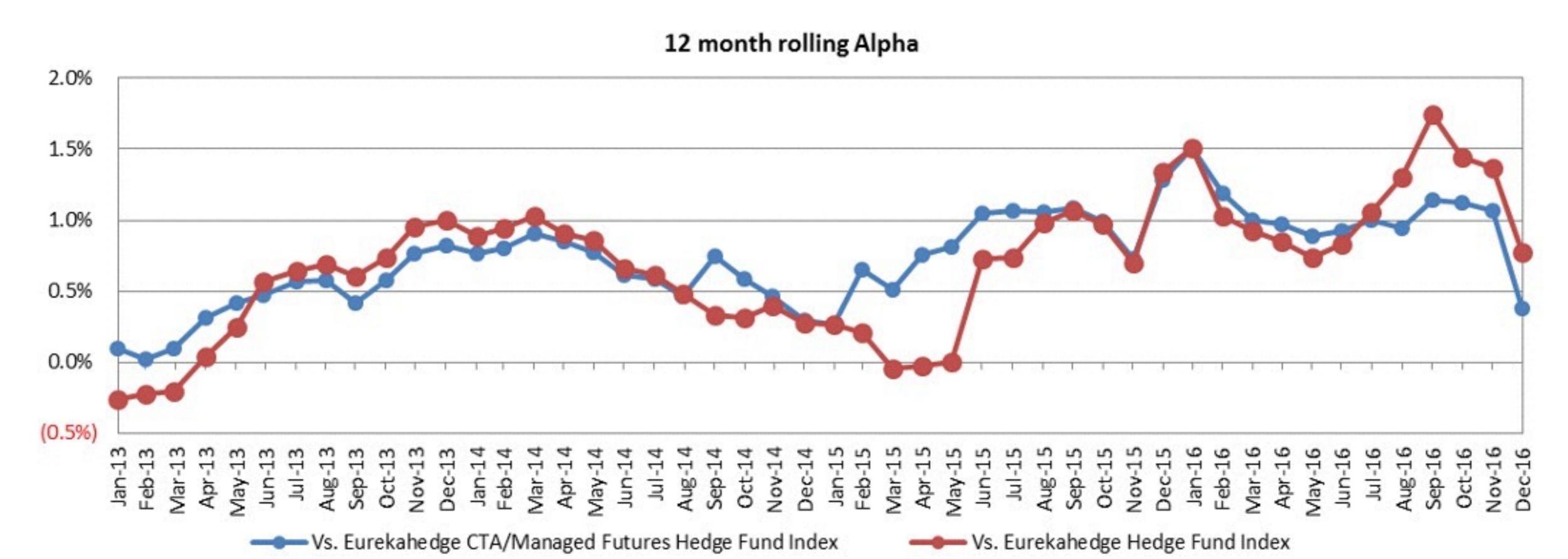




AI/機器學習對沖基金 v.s. 傳統對沖基金,於風險事件中的報酬率比較表

Date	Event	Al Hedge Funds	Eurekahedge CTA/Managed Futures Hedge Fund Index	Eurekahedge Trend Following Hedge Fund Index	Eurekahedge Hedge Fund Index
Nov 16	Trump Win	(0.94%)	(0.18%)	0.38%	0.31%
Jun 16	Brexit	1.29%	2.32%	4.18%	0.32%
Feb 16	Oil Price Dip/China growth concerns	(0.86%)	1.71%	1.92%	0.00%
Jan 16	Oil Price Dip/China growth concerns	4.33%	1.33%	2.42%	(1.74%)
Aug 15	China Equity Crash	0.72%	(1.72%)	(2.54%)	(1.92%)
Jul 15	China Equity Crash	0.43%	0.97%	(2.25%)	(0.06%)
Jun 15	Greek referendum	1.84%	(2.00%)	(3.28%)	(1.14%)
Jan 15	Swiss Franc De-pegging	1.30%	3.23%	3.87%	0.78%
Sep 14	Oil Price Dip	(0.57%)	1.98	3.33	(0.22%)

AI / 機器學習對沖基金 v.s. 傳統對沖基金,過去十二個月以來的超額報酬比較表



Source: Eurekahedge











hi

Problems to Solve







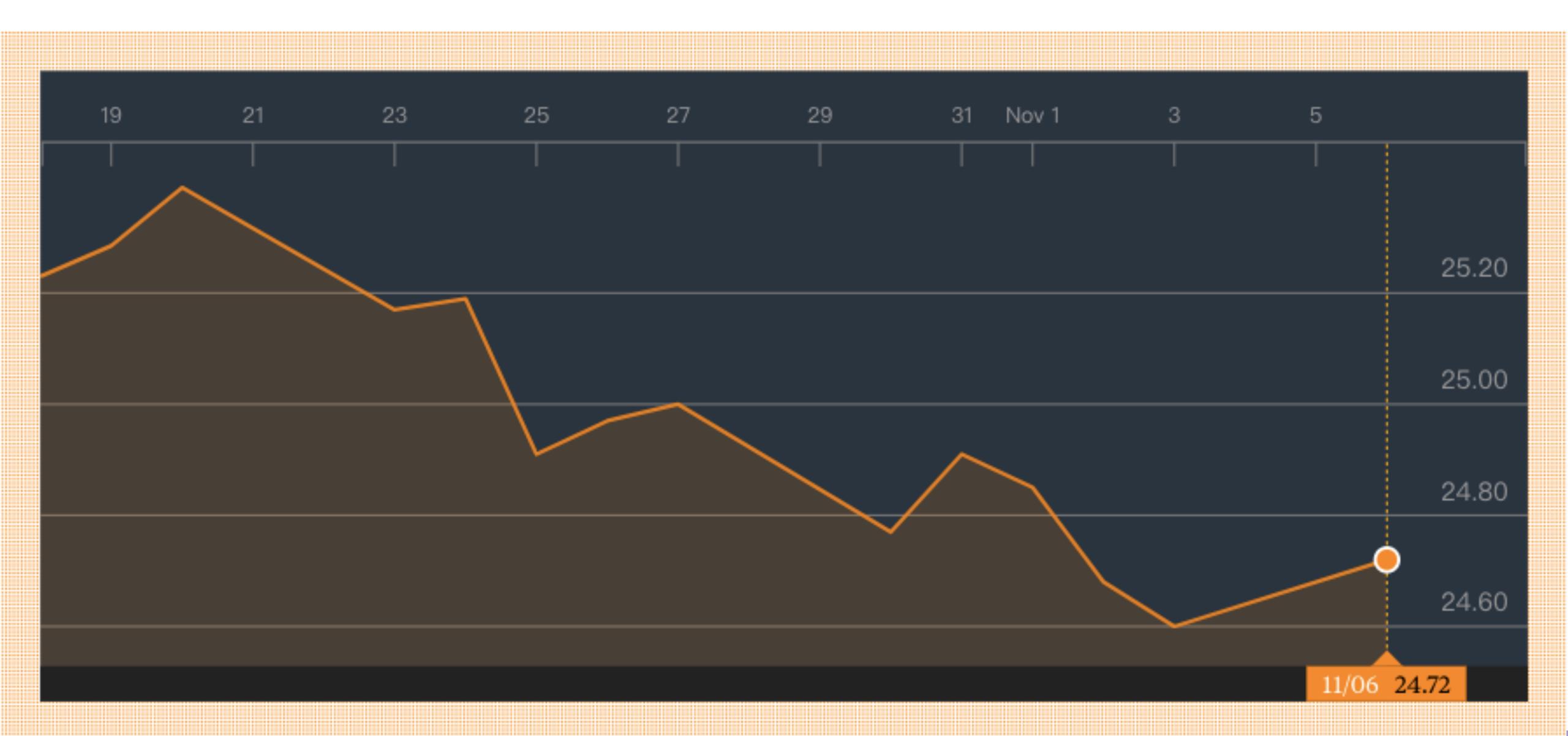
人才缺乏

避免過度擬合 (overfitting)

策略、技術、工具的 難以判定



AIEQ: US NYSE As of 11/06/2017



hiHedge

顧家祈 chiachiku@kuchi.tw