Research Topic:

Algorithmic Trading of Pair Trading Strategy for Stocks Which are Both Listed in US and HK

BizSpark
BBA Student Research Competition

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Motivation

The uptrend of double listing in the US and HK is an attractive opportunity for arbitrage strategy

Law of one price is violated in their stock price

Methodology

Design a profitable trading approach by referring pair trading
Use Python to implement 1-year backtesting analysis

Result

The highest individual stock return is 131.01%
The average return of all 9 targeted stocks is 36.21%