HW7 報告 110705017 何翊華

Parameters for the genetic algorithm:

```
# Initialize
N = 10000 # population
G = 5 # generation
s = 0.05 # survival_rate
m = 0.01 # mutation_rate
n = 138 # time interval
survive = round(N*s)
mutate = round(N*m)
```

Optimal parameters & MSE:

A: 5.277225858110954 B: -0.001619861145668504 C: 0.12662365798888436

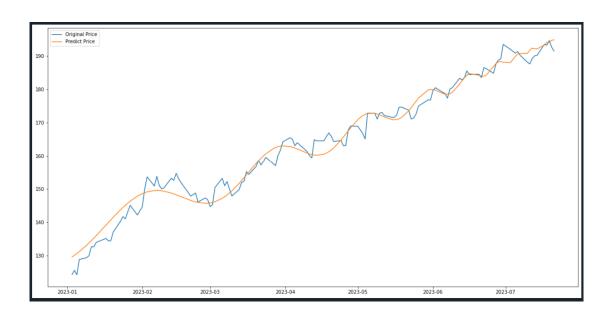
tc: 2023-07-24

w: 16.62 fi: 5.6

beta: 1.023

MSE: 8.699443296185182

Suppose tc in range 2023/7/24 - 2023/8/4:



藍線為真實價格,橘色為預測價格