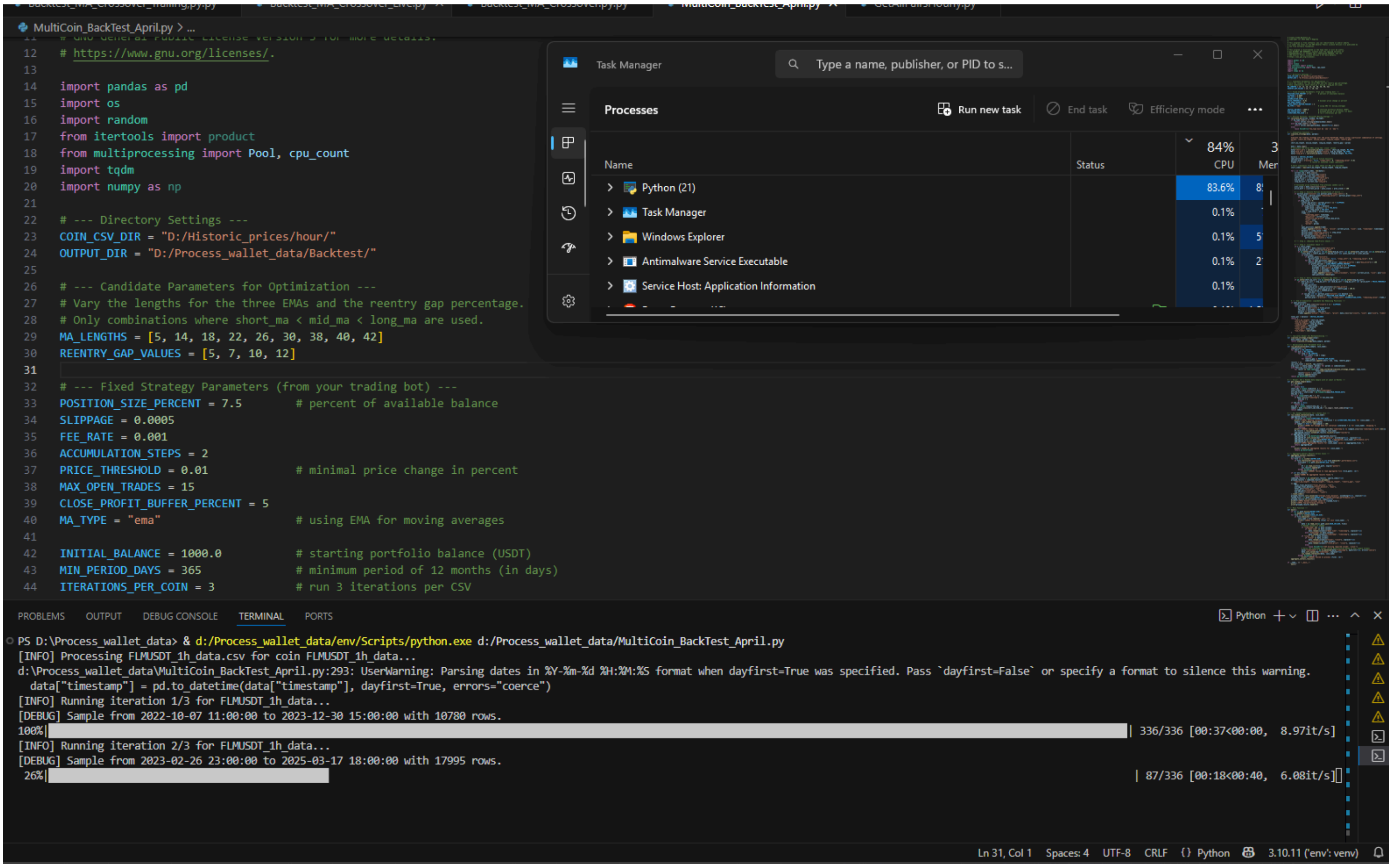
Retrieve hourly historic data.

Get_Historical_Data.py

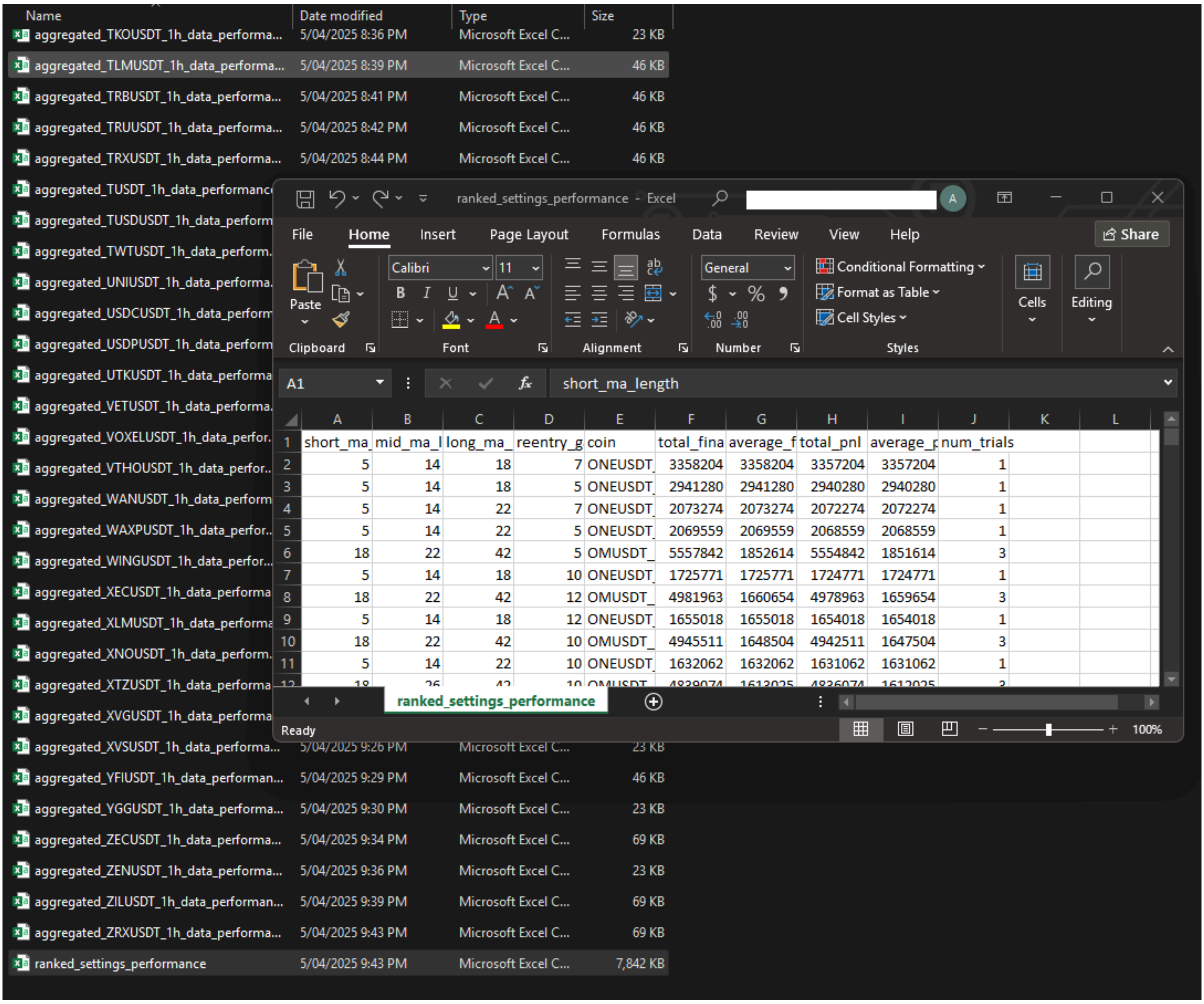
Store CSV's to use in back test in the same directory.

Run Crypto_Trade_Backtester.py

Example: Script Running on a i7-14700K



Example Results:



Test individual findings using **Backtest_MA_Crossover.py**

Test individual settings using this script to compare drawdowns to buy and hold and manipulate your risk.

Example Results:

```python
SLIPPAGE                = 0.0005
FEE_RATE                = 0.00
CLOSE_PROFIT_BUFFER_PERCENT = 5
CLOSE_ALL_ON_CROSSDOWN = False
MAX_OPEN_TRADES = 15
ACCUMULATION_STEPS     = 2
CLOSE_PROFIT_ON_CROSSDOWN = True

# New parameter for Martingale increase
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
Segment 2 - Final Balance: 984.98, Total PnL: 27.16, Max Drawdown: 48.16%
Segment 3 - Final Balance: 959.00, Total PnL: 65.02, Max Drawdown: 27.96%

--- AVERAGE RESULTS ACROSS SEGMENTS ---
Average Final Balance: 1067.05
Average Final Equity : 1133.46
Average Total PnL    : 133.46
Average Max Drawdown : 32.08%

--- AVERAGE BUY & HOLD RESULTS ACROSS SEGMENTS ---
Average Buy & Hold Final Equity: 250.56
Average Buy & Hold Total PnL   : -749.44
Average Buy & Hold Max Drawdown: 89.04%
PS D:\Process_wallet_data>
```