1. Why don’t the Enhanced\_stock\_trading.py version V6 Excel or .log outputs include BUY columns?
2. Please explain how each column in the Excel files is calculated, mentioning the column names and file names.
3. Please specify how the “Startegy(filter\_momentum)” , “Min Holding Period” and’ Min Profit Target’ are used for filtering stocks from the universe ie master data frame, including the line number in the code where this occurs.
4. Give details about PORTFOLIO ALLOCATION STRATEGY implementation. How Security, Score, Rank, Weight , Raw Alloc are calculated for each stock.
5. Is the PORTFOLIO ALLOCATION STRATEGY the rule of allocation of fund across the stocks which are filtered by filter eg: “(filter\_momentum)”
6. Whether the Strategy(filter\_momentum) has any role in picking or filtering the stocks?
7. Are BUY and SELL decisions based on filter signals?
8. Please incorporate BUY columns with date and BUY price appropriately in .log and excel/csv files.
9. Can you explain in detail how

Minimum Position Size: 5.0% and Maximum Position Size: 35.0% are used and columns “Security”,” Before “,” After”,” Status” are calculated under APPLYING POSITION SIZE LIMITS:

1. How The columns Security , Score ,Weight ,Capital Alloc and Rank are calculated in the table FINAL PORTFOLIO ALLOCATION
2. In Top 3 securities detailed analysis the following values are found after the execution of code

#1 BAJFINANCE.NS - Overall Score: 68.1/100

Technical Strength: 60.3/100

Signal Quality: 55.0/100

Price Momentum: 100.0/100 (32.59% change)

Risk Assessment: 74.4/100

Current Market Price: ₹9095.95

RSI Level: 71.6

Trading Signals: 4 Buy, 7 Sell

Can you explain in detail how all these parameters are calculated? Trading signals 4 Buy ,7 sel. Are the excel files generated in such way that BUY signals are shown ie BUY date and BUY price. If no, Make the excel output in such a way that it will contain both BUY and SELL details.

1. Can you explain the below log snippet in detail. How are all these parameters calculated?

Investment Score: 48.8/100

• Technical Analysis: 40.8/100

• Signal Quality: 80.0/100

• Price Momentum: 11.9/100

• Risk Assessment: 60.5/100

Portfolio Weight: 2.8%

1. From trading activity log explain the below in detail

📈 17-Apr-2023 | LONG ENTRY | 1 shares @ ₹1868.13 | Cash: ₹949

⏳ 07-Aug-2023 | Position held | Days: 112 | Unrealized P&L: +36.5% | Conditions not met

📉 25-Mar-2024 | LONG EXIT | 1 shares @ ₹3106.45 | P&L: ₹+1198 (+63.5%) | Cash: ₹4,035

What is condition not met here?

1. Position summary as of 24-03-2025

Current Market Price: ₹2370.00

Position: 0 shares

Position Value: ₹0.00

Available Cash: ₹4,035.00

Total Portfolio Value: ₹4,035.00

Total Return: ₹+1,198.32 (+42.24%)

How “Available Cash”, “Total Portfolio Value”,” Total Return” are calculated?

Do any of the above parameters have cumulative effects so that the value will be used later?

1. GLOBAL PORTFOLIO UPDATE:

Previous Portfolio Value: ₹0.00

Added from ADANIENT.NS: ₹4,035.00

New Portfolio Value: ₹4,035.00

Overall Portfolio Return: -95.97%

How are all the above parameters calculated and used for next level calculations

1. Explain in detail how the following parameters are calculated

🎯 Strategy: filter\_basic

💰 Initial Investment: ₹100,000.00

💎 Current Portfolio Value: ₹119,472.42

📈 Total Return: ₹+19,472.42 (+19.47%)

💵 Realized Gains: ₹0.00

💹 Unrealized Gains: ₹19,472.42

🏢 Active Positions: 3/4

💸 Total Brokerage: ₹20.00

Why realized gains 0