Non-Performant Algorithm

Quant:

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Backtester:

Implementer:

**Introduction:**

This algorithm is made solely for demonstration purposes and is not performant. If the trend of the price of the stock reverses, then our position on the stock will reverse.

**Inputs:**

* This algorithm takes in a dictionary where the keys are stock tickers.
* Values for this dictionary should be another dictionary that just has one key:value pair, which represents price.
  + Making the value of the dictionary another dictionary is important because the dictionary is used to store another metric “Trend” which will be initialized and calculated in the script itself.
  + note - I could change this if it’s easier for the other teams to pass data in a different format (multiple lists/arrays or just a regular dictionary with key:value pairs) but since it’s the way I coded it initially I’m just gonna keep it that way and this assignment is also just for demonstration purposes/practice

**Outputs:**

* This algorithm will output a dictionary where keys will be a stock ticker and values will be one of three positions in string form: “Buy”, “Stay” (do nothing), or “Sell”.

**Backtesting:**

Pending, but this algorithm will be terrible.