Topic: Find stocks about to rise 500% or more.

The project I propose is to predict stocks that will rise 500% or more in the next six months to two years based on fundamental and sentiment features available in the financial statements and other public documents. My plan for how to do this is to scan US companies for stocks that have had strong rises over six months and two years, then examine the features of the statements using an appropriate algorithm to find the features and weights most correlated with the rise in those stocks.\*

The process, as I see it, is divided into four parts:

1. Obtain the data. I only want US stocks. I don’t like to trade foreign stocks because of the effect of the exchange rates and because of the increased cost of trading them. What I want is a list of tickers for every US stock in the last 25 years. This is not readily available and will take some work to get. It will have to be modified for stocks whose names have changed (such as Facebook to Meta).
2. Sort the stocks. The data needs to first be sorted for stocks that have gone up 500% in 6 months to 2 years. To get a good list, the start times could be any day in any year over a 25-year period (to cover both bull and bear periods). I have already written some code that will get this information for a single stock.
3. Find the key features. The question I want to answer is which features were present just before the rise that are correlated with the 500% rise? I am not sure at this point, but I think perhaps a neural network approach would be the choice because it adjusts for weights of features.
4. Based on my findings, predict which US stocks are likely to rise 500% or more in the next six months to two years.

I believe I will need some help with this project.

\*My idea is based on Louis Navellier’s Mastermind Project, which attempts to do the same thing (for a large fee). He uses an algorithm that is not public and an institution-size computer for the large quantity of data. My project will have to be modified to accommodate my desktop computer.