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As for the decision model, we formulate a mathematical

optimization problem with the objective of maximizing the anticipated

net profit of next day. Trading strategies are set as decision variables. Exact solutions are obtained by transforming the problem to linear programming so that the model can be solved easily within 15 seconds. We’ve compared our ***Greedy Prophet*** with five other models. The comparison results show that the ***Greedy Prophet*** eclipse its competitors tremendously.

Now, instead of putting tedious statistics on this page, basic principles of the best trading strategy are summarized as follows. Some of them may seem counterintuitive, however, that’s what math and science tell us. The complete and detailed trading strategy is listed in the attached Excel file.

* When establishing your position, start with buying a small amount of the assets, sit tight, watch the market and wait until you have enough information for accurate trend projection.
* When you have accumulated some money, stop being too conservative and try to be ambitious. You may start buying large amounts if your predicted net profit is higher than expected.
* Buy more risky or high volatile assets when you have enough money and desire for more profits. Always keep in mind that high returns come with high risks.
* Trading large amounts may help you seize the opportunity and avoid riskiness.
* Keeping the buying and selling amounts close to each other may help to increase total wealth.
* Transaction costs may not always keep you from earning more. Sometimes they can help you to hedge risks that are ignored by prediction.

At last, we would like to state that the investment suggestions provided by ***Greedy Prophet*** are for reference only. It’s you who decide your portfolio in the end. We will not be held liable for any potential risk or your loss. However, we do hope that our ***Greedy Prophet*** can help you to become the next Oracle of Omaha.

Yours Sincerely,

Team # 2200296



