Grinhold TM



Introduction

Crithold aims to deliver an automated self directed investment management service that maximizes the long-term, not-of-fee, after-tax, real investment return for each Celevist particular deviators for risk. Optimal porthilios are returned from the contractive particular deviators for risk. Optimal porthilios are classes, each usually represented by a low-cost, passive CFD. The underlying research—encognizated that a security is return is determined by the set of risk factors that if it is exposed to rather than its standardise risk (e.g. as measured by the set of risk factors that if it is exposed to rather than its standardise risk (e.g. as measured by the set of risk factors that it is exposed to rather than its standardise risk (e.g. as measured by the

It is exposed to number than its standards risk log as measures to a secondary of the standard production of the standard production of the standard production of the standard production of the concentration and considerably MPT. Harry Matteriar and William Stange, received to Nuclei Price in Economics in 1990 for their contraction of the standard production of the stan

Example: GOLD AND SILVER PORTFOLIO



You know while most investors enjoy the luxury of being able to physically hold gold bullion, some prefer a truly digital holding: Gold investments are an essential part of any portfolio, as it is a great hodge against other currencies you

escential part of any portfolio, as it is a great hedge against other curbourneys pro-ceedings. The process of stocks and fint currencies to decrease, and gold has maintained and transperation of the process of stocks and fint currencies to decrease, and gold has maintained and value of the process of th

Well it you invest in COLD SILVER (NETTICE) you are investing in signal gold.

The Profession As in a first CL and I have been provided by the profession of the profession and part of the part

Grinhold Portfolio makes profits by utilizing CFD's and not real stocks. For example, say you buy a real share of Microsoft - you are now technically an For example, say you buy a real share of Microsoft – you are now technically an owner of the company! As a shareholder of Microsoft, you are now effootded certain rights, below are the most important: - Ownership of Microsoft Just to repeat the same thing in a different way, similar to BBI Gates, you can more say you are an owner of Microsoft – ablott BBIT piece of the pie is much largor!

- neceposent of dividends:
 When a company starts to make a lot of money and has a lot of cash on band it can decide to distribute this money to its shareholders. Microsoft paid a dividend on December 12th, 2019 in the amount of \$0.51 per share. If you owned 1,000 shares you would have received \$3.10.

you would nave received \$5.10.

- Voting power on major issues

Ves, you heard that right. Now that you own a piece of the company, you can vote
on certain issues that might impact the company such as a merger with another

company.
What is a CFD?
CFD (Contract-for-Difference) is an agreement between a seller and a buyer that is based on an underlying asset. Trading on CFD trade, you speculate on whether the asset will increase or decrease in value to oventually win (or lossy) on the difference. Thus, you never actually own the assets but forecast whether it will rise or tail. In a way, CFD resembles traditional investing. Investi

In a way, CFD resembles traditional investing, Envesting in gold or oil, you purchase a bar of gold or oil in a bid to eventually self it note the value increas and make a profit on the difference.

It is not to be a profit of the difference of the contain pice, wait for the value to rise or fall, and makes a port for some difference of the pice moves in your discretion. The only difference of CFD trading from traditional trading is that yi do not actually own the ascet, but simply speculate on its velatility.

When trading a CFD you are simply operationing on the price change of the stock year of the stock of the stoc - CFDs offer anverage.
 Leverage is purchasing power which allows you to spread your capital further as amplify returns. One example could be if you have a leverage of 5 to 1, then you can buy 5 times more shares for the same amount of money.

Risk Budgeting and Management All investors have a capacity to bear so manage risk is to measure it, rather tha r some investment risk. The best way to than relying on a traditional stock -to- bond

ratio.
A portalize's investment methodology should pair disciplined risk management methodology should pair disciplined risk management may have negative or scary communitions in an investor's mind. And it is true that indicate assets have a governed reduce of deverating in value at one point. We, it is investment send to have greater potential to significantly increase in value. The pair is to find a balance between lower risk and higher risk investments that are extended to the pair of the p

Investing is an emotional experience. The market can take investors on a rollor-coaster of emotion ranging from panie to emphoria. For investors who an particularly sensitive to market declines due to a shortened time horizon or an extreme fear of decreasing account value, Grinhold Protection plan seek long-term growth as well as protection of principal account value. integrierin growin is a ween its protection or principal account vasies. Traditionally, investors have relied on investments like CDs and bonds to generate income. However, in a low-interest rate environment, these conventional sources may not yield enough to meet income needs. They also conventional sources may not yield enough to meet income needs. They also typically provide less opportunity for investment growth than stocks. Investors seeking income may, therefore, be searching for other types of investment to supplement these traditional assess. Grithold combines a variety of traditional experienced income-generating trading assets from around the globe that office the best income and risk/return opportunities.

Algorithms never sleep. We're constantly monitoring your account to ensu that you're achieving your goals—the faster, smarter way. Our dedicated support specialists are available 7 days a work, 365 days a your. You're a smart investor. Now you've found a service that's right for you.

Selecting Asset Cla

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feel for the other three characteristics.

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allow purchases and sales at any time. Newly issued CFDs usually take a while before they are appropriate for recommendation, even if they offer lower fees because the lack of liquidity may cause trading costs that more than offset the lower fees.

4. Securities lending: CFD issuers generate income from lending out their underlying securities to backgo funds to enables short sales; the more prevalent the lending, the highest their fish to the EFF buyer. We prefer CFDs that either minimate lending or earlier that lending recent with their inversions to lower.

management foce.
Allocating Assets while placing trades:
Grinhold determines the optimal mix of our chosen asset classes by using
Mean-Variance Optimization (Markovitz, 1952), the foundation of Modern
Portfolio Theory. The output of the optimization is a collection of portfolios trades
generate the maximum return at each level of targeted risk, or equivalently, minimize the level of risk for a specific expected return. Collect nortfolios form the (mean-variance) efficient frontier.

(SMART FORMIII A)

 max_ipw st. $w \cdot \Sigma \cdot w \cdot s^i$. $w \cdot i \cdot l$, LB $gw \in UB$

The expected return of the portfolio is a weighted average of the expected red of the individual ascort classes, i.i. with the weights given by the portfolio and the portfolio and the properties of the portfolio individual assert classes, but also on how they common with one another, collectively captured by the assert class covariance matrix, T. To identify measurarized reflicted profilious we solve the following quadratic programm

Solving this problem for different values of the target vehicility, s. gives us a collection of portfolios that maximize expected return for each level of risk, and have weights that sum to one (i.e. a portfoliot than it fully interest and does not use leverage), and satisfy the lower and upper bound constraint on the weights, positively and are not constraint on the weights. positively and are not covery concentration in a small number of asset classes. Clearly as recommended a portfolio based on the results of a risk questionnaire which evaluates their ability and willingson to take risk.

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