GREENSTAR

Your logo above

Recommended Asset Allocation

Jacob Hoffman — 2023-05-29

Frontier Curve Optimal Portfolio Analysis

Monte Carlo Simulation Of Returns

Correlation Matrix

Prepared by Your Name Here

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Your Address and Phone Here

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Contents

1 Statistical Terminology & Asset Class Descriptions

Expected Return - Of an investing strategy is the amount of money you are expected to get back from your investment. For example, if 90 dollars is invested for 1 year with an expected return of 100 dollars, then in the average case the investment will yield back 100 dollars.

Risk - Or standard deviation of an investing strategy is a measure of how much the return of an investment strategy will vary from it's expected return. For example, an investment strategy with an expected return of 20% and a risk of 8% will yield 112% to 128% return with a probability of 68.2% , and 104% to 136% return with a probability of 94.4%

The 18 Asset Classes :

Asset Class	**Index**	**Description**
Cash	BIL	Currencies, Foreign Currencies.
Commodities	GSG	Basic goods used in commerce.
Intermediate Gov Bonds	GVI	Govt. bonds that mature in 5-10 years.
High Yield Bonds	HYG	Lower credit rating higher return bonds.
Real Estate	IYR	Land and buildings.
Emerging Mkt Debt	JEDAX	Bonds issued by emerging countries.
Large Cap Value	JKD	Undervalued stocks from big companies.
Corporate Bonds	LQD	Bonds issued by a corporation.
Mid Cap	MDY	Stocks from mid sized companies.
Municipal Bonds	MUB	Bonds Issued by local government.
Foreign Bonds	PIGLX	Bonds issued in other countries.
Emerging Mkt Stock	VEMAX	Stocks from emerging Mkt. countries.
V.C.	VFINX	New and innovative companies.
International Stock	VGTSX	Stocks not traded in U.S.A. exchanges.
Large Cap Growth	VIGRX	Fastly growing stocks from big companies.
Small Cap Value	VISVX	Undervalued stocks from small companies.
Long Gov Bonds	VUSTX	Govt. bonds mature in more than 10 years.
Small Cap Growth	^RUT	Fastly growing stocks from small companies.

2 Investment Profile

General Information

Name : Jacob Hoffman

Birthday : 12/28/1997

Time Frame :

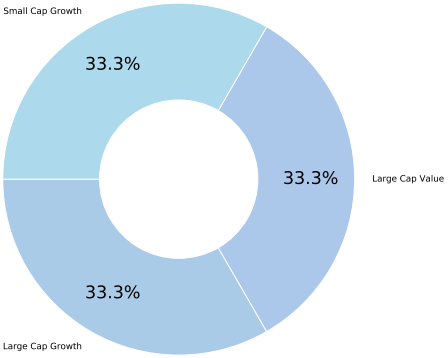
Available Funds : $60,006

Preferred Risk : ± 11.79% Yearly

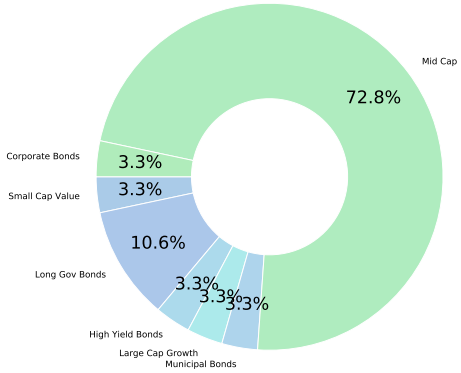
Recommended Asset Classes:

Asset Class	Index	Description
High Yield Bonds	HYG	Lower credit rating higher return bonds.
Corporate Bonds	LQD	Bonds issued by a corporation.
Mid Cap	MDY	Stocks from mid sized companies.
Municipal Bonds	MUB	Bonds Issued by local government.
Large Cap Growth	VIGRX	Fastly growing stocks from big companies.
Small Cap Value	VISVX	Undervalued stocks from small companies.
Long Gov Bonds	VUSTX	Govt. bonds mature in more than 10 years.

3 Prescribed Allocation Changes



(a) Current Portfolio



(b) New Portfolio

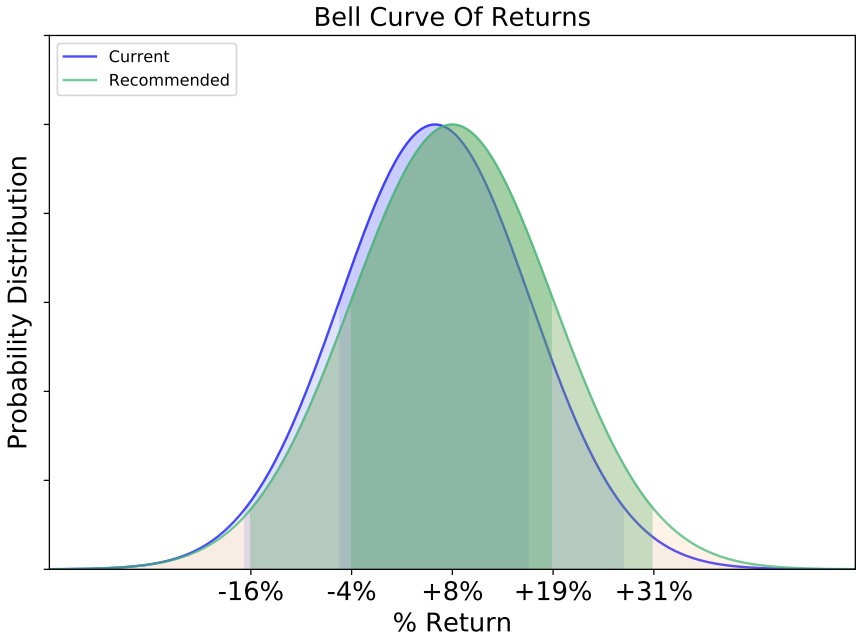
Asset Class	**Current**	**Suggested**	**Change**
Cash	$0	$0	$0
Commodities	$0	$0	$0
Intermediate Gov Bonds	$0	$0	$0
High Yield Bonds	$0	$2,000	$2,000
Real Estate	$0	$0	$0
Emerging Mkt Debt	$0	$0	$0
Large Cap Value	$20,002	$0	($20,002)
Corporate Bonds	$0	$2,000	$2,000
Mid Cap	$0	$43,666	$43,666
Municipal Bonds	$0	$2,000	$2,000
Foreign Bonds	$0	$0	$0
Emerging Mkt Stock	$0	$0	$0
International Stock	$0	$0	$0
Large Cap Growth	$20,002	$2,000	($18,002)
Small Cap Value	$0	$2,000	$2,000
Long Gov Bonds	$0	$6,338	$6,338
Small Cap Growth	$20,002	$0	($20,002)

4 Performance Improvements Of Prescribed Portfolio

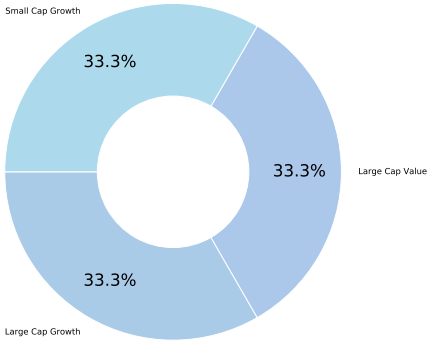
Below are 7 year simulation results of your current investing strategy versus the investment strategy prescribed in this report.

Change In Expected Return : 2.03%

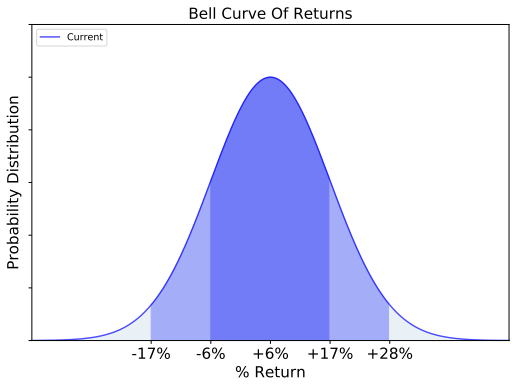
Change in Risk : 0.66%



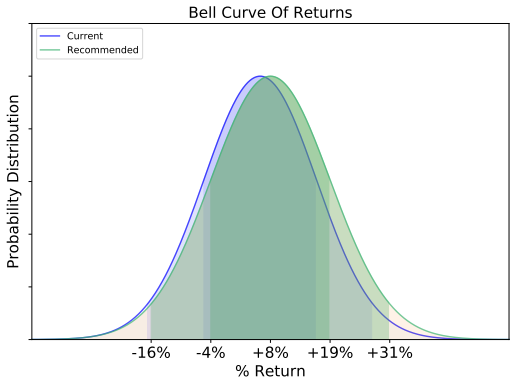
5 Current Portfolio Overview - Statistical Analysis



Portfolio Breakdown



(a) Current Portfolio 1 Year Projections



(b) Current Portfolio 7 Year Projections

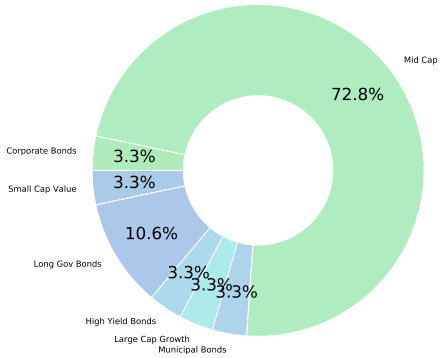
1 Year Expected Return ($): $3,176 *5.29%*

1 Year Risk (Std Deviation %) : ± 11.13%

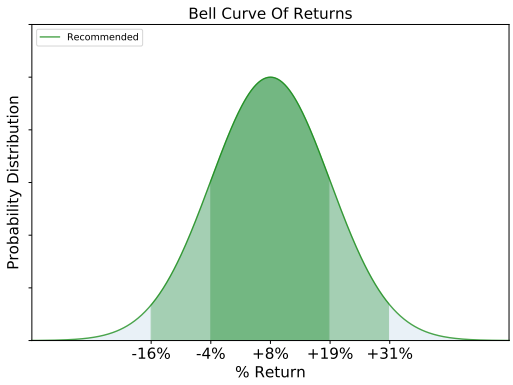
7 Year Expected Return ($): $26,612 *44.35%*

7 Year Risk (Std Deviation %): ± 253.95%

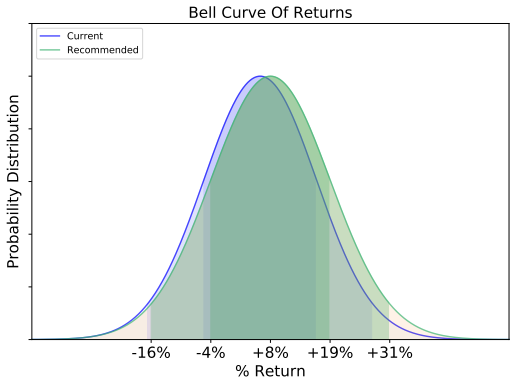
6 Prescribed Portfolio Overview - Statistical Analysis

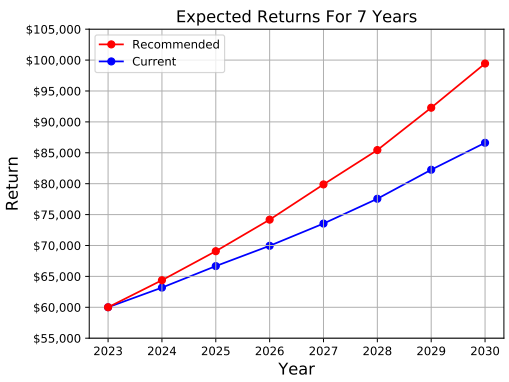


Portfolio Breakdown



(a) Prescribed Portfolio 1 Year Projections





(b) Prescribed Portfolio 7 Year Projections

1 Year Expected Return ($): $4,373 *7.29%*

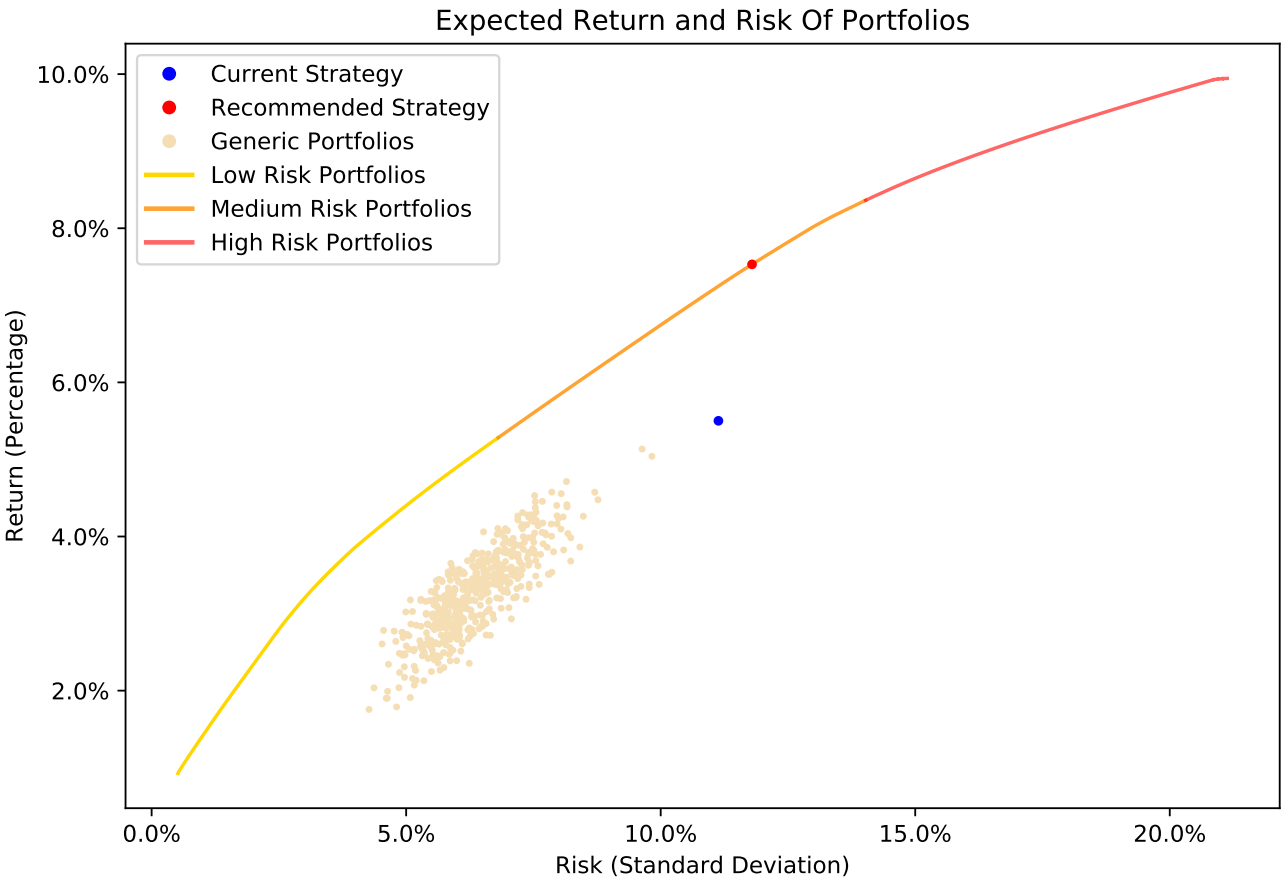
1 Year Risk (Std Deviation %): ± 11.79%

7 Year Expected Return ($): $39,437 *65.72%*

7 Year Risk (Std Deviation %): ± 289.67%

7 Frontier Curve

In 1990, Harry Markowitz won a nobel prize for his contributions to portfolio balancing theory. Markowitz discovered that given assets to buy from and funds to buy with, all of the optimal portfolios formed on a curved line called the "Frontier Curve."



Risk (Std. Deviation): ± 11.79%

Expected Return (%): 7.53%

Adjustment of Risk (%): 0.66%

Change in Return (%): 2.03%

This asset allocation analysis is provided to you for informational purposes only. Actual investment results may be materially different from the projected performance results portrayed. This report uses information that is considered reliable, but it does not represent that the information is accurate or complete, and the report may not be relied upon as such. The report is not intended to be either an expressed or implied guaranty of actual performance. It is not intended to supply tax or legal advice. There is no solicitation to buy or sell securities. The deduction of advisory fees, brokerage, or other commissions, and any other expenses that would have been paid may not be reflected in the analysis. The results portrayed reflect the reinvestment of dividends and other earnings.