

Here are a couple screenshots of different modelling projects I did, the first is for a portfolio where you can adjust the weights of the given stocks. The second screenshot is for individual stocks where you can change the company and time period.

PORTFOLIO	SELECT WEIGHTS
AGNICO EAGLE MINES	100%
ALIMENTATION CCH.TARD	0%
BARRICK GOLD (TSE)	0%
BANK OF MONTREAL	0%
BK.OF NOVA SCOTIA	0%
OTI00L BANK OF CA0DA	0%
BROOKFIELD ASSET MAN	0%
SAPUTO	0%
Must Equal 100% -->	100%

BENCHMARK	SELECT WEIGHTS
S&P/TSX COMPOSITE INDEX	50%
CN BENCHMARK 10 YEAR DS	50%
Must Equal 100% -->	100%

SELECT TIME PERIOD	YTD	
	Portfolio	Benchmark
Arithmetic mean monthly return	-1.862%	1.222%
Annualized arithmetic return	-20.190%	15.687%
monthly median return	0.955%	1.279%
geometric mean monthly return	-2.426%	1.219%
annualized geometric mean return	-25.525%	15.649%
monthly volatility of returns	11.043%	0.801%
annualized volatilty of returns	38.254%	2.774%
skewness	-0.523	-0.460
kurtosis	-0.958	-0.585
monthly tracking error	11.260%	
annualized tracking error	39.006%	
monthly information ratio	-7.905%	
annualized information ratio	-27.384%	
portfolio beta relative to dynamic benchmark	-3.278	
annualized lower partial standard deviation of returns	13.236%	
annualized sortino ratio	-0.302	
annualized sharpe ratio	-0.562	
annualized treynor ratio	0.066	
annualized jensen's alpha	0.256	



Select Stock
5) BK.OF NOVA SCOTIA

Select Month
Jan

Select Year
2021

*To Select Prior Years - Select Month as Prior & Select Year as: 1, 7, 15

Annualized Arithmetic Return
5.360%

Monthly Arithmetic Return
0.436%

Annualized Standard Deviation
13.056%

Monthly Standard Deviation
3.769%

Annualized 90% CI
Lower 18.451%
Upper 61.405%

Monthly 95% CI
Lower -5.263%
Upper 9.511%

Annualized Geometric Mean
27.787%

Median Monthly Return
0.568%

Skewness of Monthly Returns
0.941

Kurtosis of Monthly Returns
0.182

Parametric Monthly 99% VaR
-7.585%

Historical Monthly 99% VaR
-2.185%

Chebyshev's Inequality
of STDEV 1.5
% of Data within 0.5555556

