Efficient Portfolio Analysis with Stock Rover

## Demo Portfolio: Diversified Stocks Portfolio

* Made up of stocks that looked good at the time
* Tried to keep a balance of sectors

## Goal for Analysis

* Check portfolio performance
  + Ensure stocks are doing well
  + Ensure stocks are doing well in their sector and industry
* Flag any stock that is underperforming its industry or the portfolio
* Look for replacement stocks that are underperforming
* Check correlation of portfolio
* Check correlation of replacement stocks for the portfolio

## Check Overall Portfolio Health

* Load portfolios in table by clicking “My portfolios”
* Mouseover portfolio to get more information in a tooltip (Options🡪Tooltips🡪”Show ticker cell tooltips in table”
* Find the sector allocation in the Insight panel
* Find the “Top Movers” in the Insight panel
  + Let’s you quickly find the worst and best performers in any time period
  + Modify the columns so you can see the most important metrics
* Find news related to just the stocks in your portfolio
* Chart the portfolio
  + Add in S&P as benchmark and a baseline
  + Add in max drawdown (from the “Events” menu)

## Check the Market

* Chart S&P 500 in last two years
* Add in the SMA (from the “Technicals” menu) to see the trend

## Check the Sectors – 3 months

* Chart all the sectors in the last three months (right-click “Sectors” and choose “Chart all”)
* Add in S&P 500 as a baseline to see best and worst performing sectors
* Create a note with the best and worst sectors
* Compare with the sector allocation pie chart in the Insight panel

#### Efficiency Tips

* Mouseover the portfolio in table for a tooltip for quick portfolio stats
* See portfolio allocation in Insight panel
* Find the top movers in Insight panel with variable time periods
  + Modify the columns to show whatever you like
* Chart the portfolio’s performance (and chart against the S&P)
* Add the max drawdown in chart as a gauge of risk
  + Compare against the same drawdown for the S&P
* Check the market trend by charting the S&P 500 with the SMA
* Chart all sectors against flatlined S&P 500 to find best and worst sectors
  + Create a Note with this information
* Compare sector chart with sector allocation pie chart

## Check Portfolio Holdings Performance in Past Three Months

* Load the portfolio in the table and group the stocks by sector (right-click any column header and select “Group By”)
* Go through each sector and color-code stocks

#### Color-Code Guidelines

* Don’t decide anything until after doing more fundamental research, but quick technical analysis reveals:
  + Red – weak price performance, don’t replace these stocks
  + Green – strong performance, check fundamentals
  + Yellow – so-so price performance, replace with similar but better stocks

### Consumer Cyclical

* Reference the Note to see if this is a good or bad sector
* Chart this sector with a two-year time period
  + Add in SMA to see the trend
  + Add in the MACD as well
* Chart all portfolio Consumer Cyclical stocks in past three months
  + Flatline sector to see how they measure up
* Color-code stocks red, green, or yellow

#### Efficiency Tips

* Add technicals to a sector to gauge its health
* See stock allocation within a sector
* Multi-select from table to add several stocks to the table at once
* Flatline a sector to see relative performance
* Color-code stocks

### Energy

* Reference the Note to see if this is a good or bad sector
* Chart this sector with a two-year time period
  + Add in SMA to see the trend
* Click to see stock allocation in Insight panel
* Chart all Energy stocks in past three months
  + Flatline sector to see how they measure up
* Take a closer look at stocks:
  + Add in sector and industry to stock, scroll through each one
* Color-code stocks
* Tag stocks

#### Efficiency Tips

* Chart a stock against its sector and industry for relative performance
  + Also shows you how an industry is doing against its sector
* Scroll through each stock in the sector to find strong industries, and to find which ones are underperforming their industry
* Tag stocks for quick reference

### Financial Services

* Reference note to see if this is a good or bad sector
* Chart this sector with a two year time period
  + Add in SMA to see the trend
* Click to see stock allocation in Financial Services
* Chart all Financial Services stocks with three month time period
  + Add in sector and flatline
  + Add in portfolio and flatline portfolio
* Color-code and tag stocks

#### Efficiency Tips

* Chart all stocks against flatlined sector
* Chart all stocks against flatlined portfolio🡪lets you see which stocks aren’t contributing to the portfolio

## Find Replacement Stocks

* Group table by color
* Choose a yellow stock to replace
* Look at Performance, Valuation, Profitability, and Growth metrics in Summary tab
* Look at stock-specific news (Google, Yahoo, or Benzinga in news feed)
* Evaluate this stock’s industry—do we want to stay in this industry?
* Go to Peers tab to find replacement
  + Filter by market cap to find similarly-sized companies
  + Sort by 3-Month Return vs. Industry
  + Add in interesting stocks to research ticker (click the green “+”)
* Save potential replacements as a Watchlist

## Portfolio Reporting – Correlation: Overview

* All stocks in selected portfolio are listed in both rows and columns
  + The intersection cell shows the correlation between the two stocks—mouseover for a tooltip
  + Table is symmetrical across the diagonal
* Mouseover the identity cell for the most and least correlated stocks
* Overlaid heat map:
  + Negative correlation in shades of purple
  + 0 to 0.5 correlation in grey
  + Positive correlation above 0.5 in shades of red
* Filter correlation table to find coefficients in a certain range
* Follow a row or column to see how one element correlates with all the others

## Correlation Analysis

* Unselect portfolio on left and instead add it in as a whole row
  + Go through Diversified row and see how each stock compares
* Remove stocks from watchlist that are highly correlated
  + Select and unselect watchlist to reload
* Or, select portfolio on left and type in specific tickers to check correlation

#### Efficiency Tips

* Use Summary tab to get snapshot of company versus industry
* Use filtering and sorting in Peers tab to find promising replacements
* Add stocks in Peers tab as research tickers to the table
* Save research tickers as a watchlist
* Use Correlation table filtering to find high correlation in portfolio
* Add in portfolio as row/column in Correlation table and compare against watchlist