

1) Baseline how did the stock market do over the last 10+ years. – line graph

- Show a graph showing the stock market and then show us fixing it to get to the right dimensions and look and feel. - Line Graph
- Outcome: Graph showing the performance of the stock market and a percentage – 10, 5, 3, 1 years. – Bar chart showing 10, 5, 3, 1 year.

2) Add in individual industries (5 or 10) compared to the baseline SPY or VTI – line graph.

-Image: S&P500 (SPY ticker) vs 5 to 10 indexes.

-Make a Line Graph.

3) Which industries did the best historically? By industry. - Bar chart (accepted industry definitions)

- Our winner based on chart at the end of X year is: Whatever is the at the top of the line chart at the end of 10 years.

-Get a list of returns of 10 years for each ETF Index. Come out with a percentage of return over that X years for all indexes vs the S&P 500.

- Make Bar Chart comparing each ETF by 10 year return.

4) Comparing the top 10 industries by size. - Pie chart – Market Cap vs Volume traded.

- Find a different source of data for this chart.

- Pull data of Data Size and make a pie chart.

- Show Market Cap top 10 (from CSV data)

- Show Volume Traded by ETF.

5) How much of a return can we expect based on historical returns? – line charts?

-Not Financial Advice. Past Performance doesn't dictate future performance.

- But based on looking at a period of 10 years back we got...

- Display High and low leaders of a sectors over 10 years.

6) Is there a correlation between the ETFs and how much over 10 years?

Bonus: Add in some sort of API. Pulling information from Yfinance.

Bonus: How stock market was affected by recessions? Which industries were hardest hit?