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.

Outcome: Graph showing the performance of the stock market and a percentage – 10 years.

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

Image: S&P500 vs 5 to 10 indexes.

Make a Line Graph.

1. 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:

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

1. 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

Show Volume Traded

1. 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.

1. Bonus: Add in some sort of API. Pulling information from Yfinance.
2. Bonus: How stock market was affected by recessions? Which industries were hardest hit?

Output: We can see it visually by the line changes due to Covid and