

Peak Price		
258.74	232.93	198.16
Max of AAPL	Max of AMZN	Max of GOOG
148.87	605.77	479.86
Max of NVDA	Max of SPY	Max of TSLA

- Observations
- SPY has had the highest peak price
  - Apple, Google, NVDA and S&P 500 have a high correlation with each other.
  - Tesla has the lowest correlation with the rest of the stocks and Amazon has a medium one.
  - The price changes over the year show a number of insights, including the massive price increase of Tesla and NVDA, as well as the really high volatility of Tesla in comparison to the much steadier SPY , Google and Apple.

Correlation Matrix						
Ticker	AMZN	SPY	TSLA	GOOG	NVDA	AAPL
TSLA	0.49	0.61	1.00	0.67	0.35	0.66
SPY	0.68	1.00	0.61	0.96	0.91	0.95
NVDA	0.66	0.91	0.35	0.83	1.00	0.84
GOOG	0.71	0.96	0.67	1.00	0.83	0.90
AMZN	1.00	0.68	0.49	0.71	0.66	0.54
AAPL	0.54	0.95	0.66	0.90	0.84	1.00

Year

Select all

2022

2025

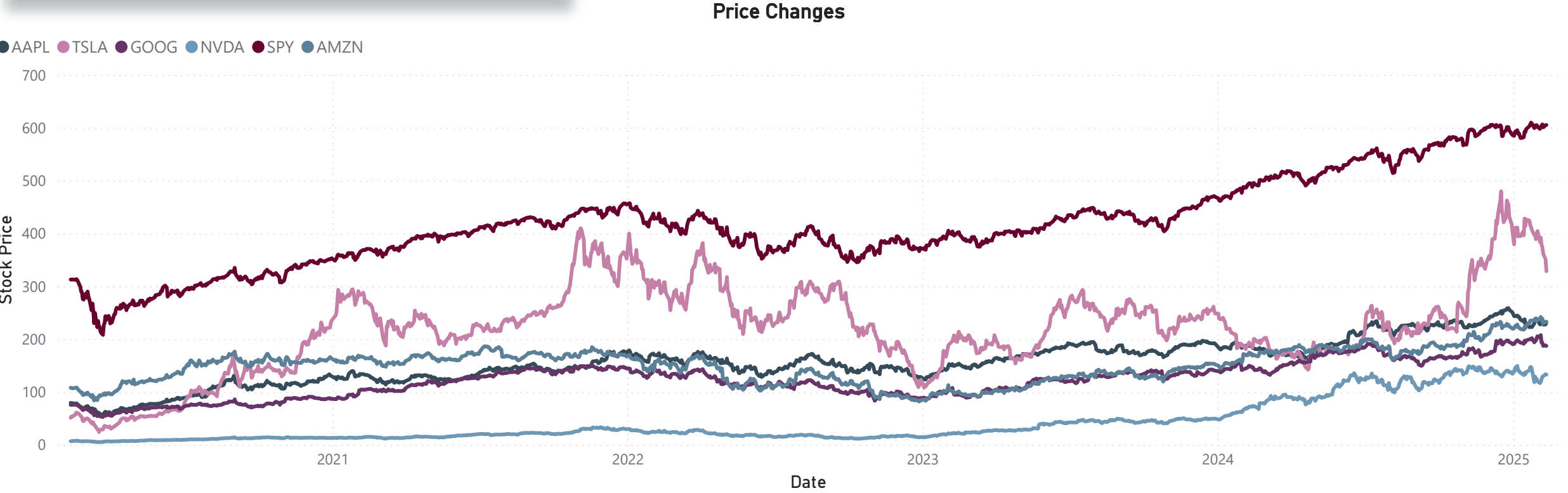
2020

2023

2021

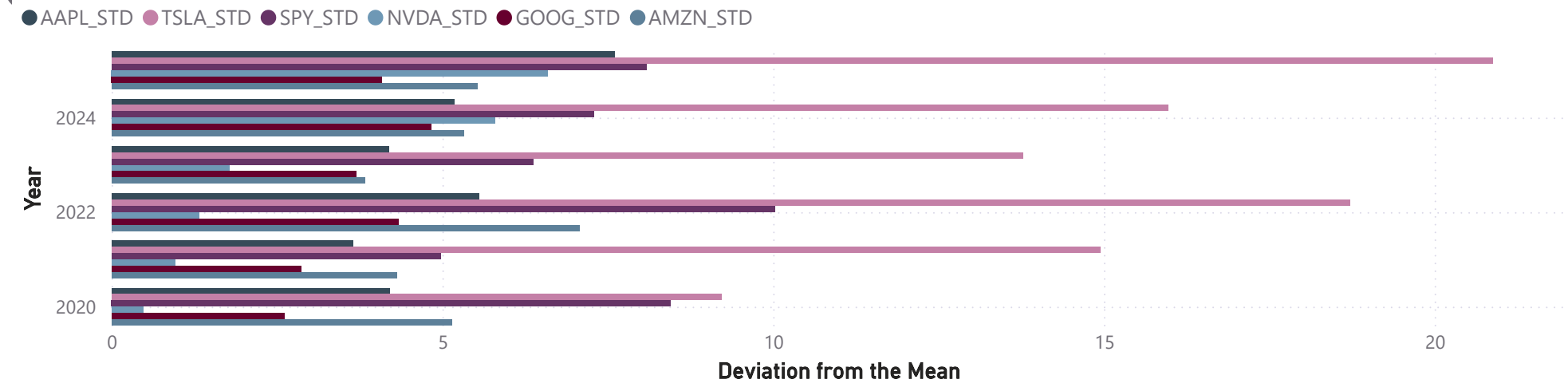
2024

« Quick measure

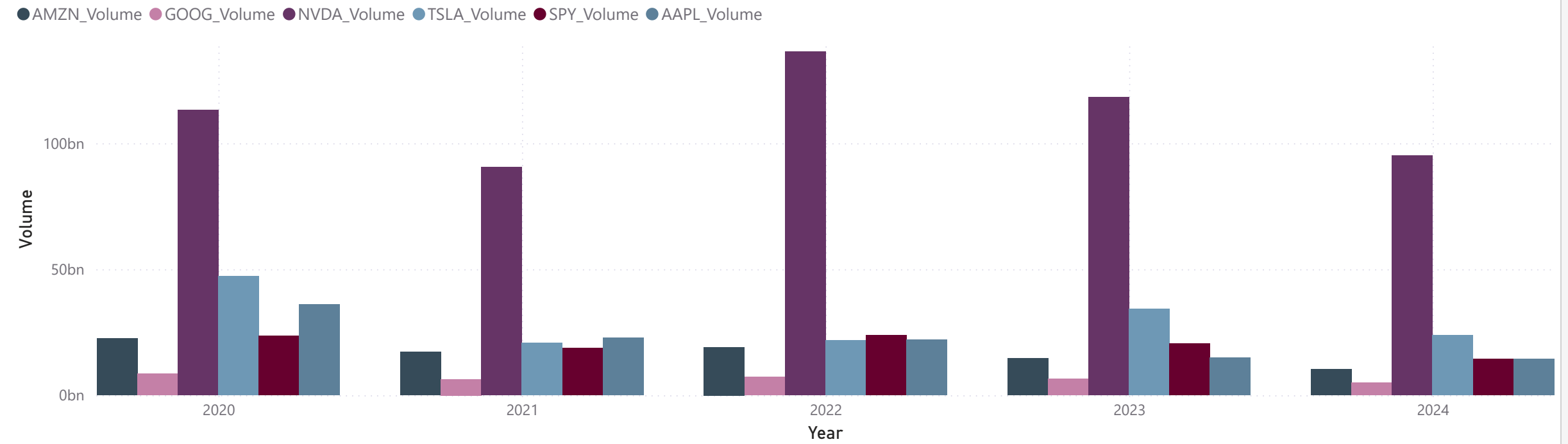




### Stock Volatility



### Volume of Trades



Year

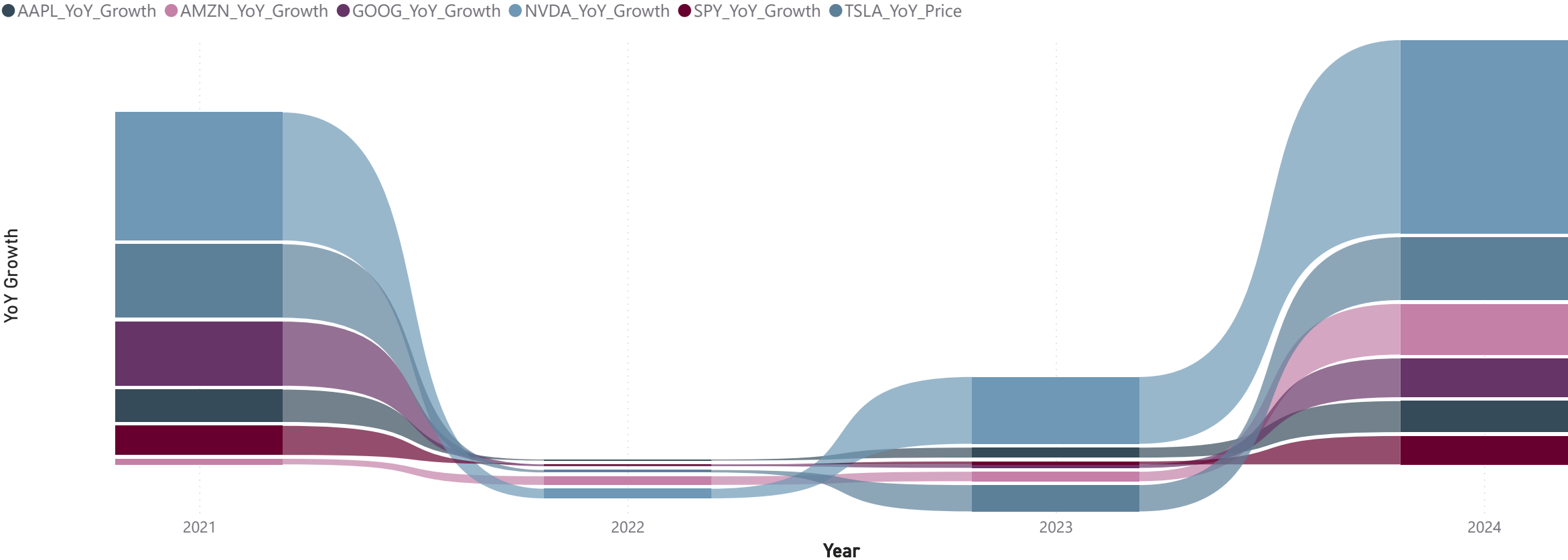
2020	2023
2021	2024
2022	2025

**Notes**

The two graphs clearly show us the massive volatility of Tesla and that NVDA has had the highest trading volume by far.

Year	Max of SPY	SPY_YoY_Growth	Max of AAPL	AAPL_YoY_Growth	Max of GOOG	GOOG_YoY_Growth	Max of NVDA	NVDA_YoY_Growth	Max of TSLA	TSLA_YoY_Price	Max of AMZN	AMZN_YoY_Growth
2020	353.11	0.00%	133.52	0.00%	91.07	0.00%	14.52	0.00%	235.22	0.00%	176.57	0.00%
2021	456.96	29.41%	177.23	32.74%	150.17	64.89%	33.32	129.44%	409.97	74.29%	186.57	5.66%
2022	457.18	0.05%	178.88	0.93%	147.51	-1.77%	30.07	-9.74%	399.93	-2.45%	170.40	-8.66%
2023	470.65	2.95%	196.93	10.09%	142.31	-3.52%	50.39	67.57%	293.34	-26.65%	154.07	-9.59%
2024	605.77	28.71%	258.74	31.39%	198.16	39.25%	148.87	195.43%	479.86	63.58%	232.93	51.18%
2025	609.75	21.55%	244.73	26.14%	207.71	34.63%	149.43	88.94%	428.22	72.38%	242.06	36.94%

Ranking of YoY Growth



Notes

This page confirms our initial insights about the impressive growth of the stocks of NVDA and Tesla. Based on their volatility, they appeared riskier investments but the returns were very rewarding.