

Capital Asset Pricing Model

Choose 4 stocks

TSLA AAPL MSFT AMZN ✕ ▼

Number of year

1

Dataframe Head

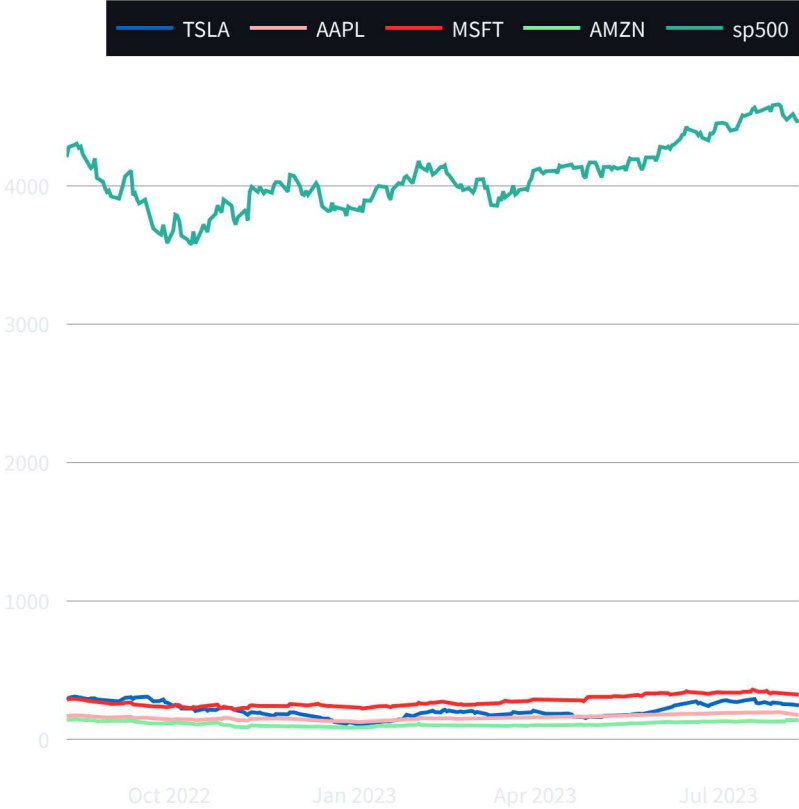
	Date	TSLA	AAPL	MSFT	AMZN	sp500
0	2022-08-11 00:00:00	286.63	168.49	287.02	140.64	4,207.27
1	2022-08-12 00:00:00	300.03	172.1	291.91	143.55	4,280.15
2	2022-08-15 00:00:00	309.32	173.19	293.47	143.18	4,297.14
3	2022-08-16 00:00:00	306.5633	173.03	292.71	144.78	4,305.2
4	2022-08-17 00:00:00	303.9967	174.55	291.32	142.1	4,274.04

Dataframe Tail

	Date	TSLA	AAPL	MSFT	AMZ
246	2023-08-04 00:00:00	253.86	181.99	327.78	13
247	2023-08-07 00:00:00	251.45	178.85	330.11	14
248	2023-08-08 00:00:00	249.7	179.8	326.05	13
249	2023-08-09 00:00:00	242.19	178.19	322.23	13
250	2023-08-10 00:00:00	245.34	177.97	322.93	13

Price of all the Stocks

Price of all the Stocks(After Normaliz



Calculated Beta Value

	Stock	Beta Value
0	TSLA	0.03
1	AAPL	0.03
2	MSFT	0.07
3	AMZN	0.03

Calculated Return Using CAPM

	Stock	Return Value
0	TSLA	1954.57
1	AAPL	2375.36
2	MSFT	5044.59
3	AMZN	2031.3

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