Stock Prediction application

Enter the Start date of the stock price

2010/01/01

Enter the ticker name:

AAPL

Number of years of forecast data needed:

2

1　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　5

Raw data - head

	Date	Open	High	Low	Close	Adj Close	Volume
0	2010-01-04 00:00:00	7.6225	7.6607	7.585	7.6432	6.4707	493,729,600
1	2010-01-05 00:00:00	7.6643	7.6996	7.6161	7.6564	6.4819	601,904,800
2	2010-01-06 00:00:00	7.6564	7.6868	7.5268	7.5346	6.3788	552,160,000
3	2010-01-07 00:00:00	7.5625	7.5714	7.4661	7.5207	6.367	477,131,200
4	2010-01-08 00:00:00	7.5107	7.5714	7.4664	7.5707	6.4094	447,610,800

Raw data - tail

	Date	Open	High	Low	Close	Adj Close	Volume
3,584	2024-04-02 00:00:00	169.08	169.34	168.23	168.84	168.84	49,329,500
3,585	2024-04-03 00:00:00	168.79	170.68	168.58	169.65	169.65	47,691,700
3,586	2024-04-04 00:00:00	170.29	171.92	168.82	168.82	168.82	53,704,400
3,587	2024-04-05 00:00:00	169.59	170.39	168.95	169.58	169.58	42,055,200
3,588	2024-04-08 00:00:00	169.03	169.2	168.24	168.45	168.45	37,425,500

Raw data - graph

Forecast data - head

	ds	trend	yhat_lower	yhat_upper	trend_lower	trend_upper	additive_terms	a
0	2010-01-04 00:00:00	6.9088	-2.3268	16.2676	6.9088	6.9088	0.1116	
1	2010-01-05 00:00:00	6.9225	-1.5125	15.4104	6.9225	6.9225	-0.0195	
2	2010-01-06 00:00:00	6.9361	-2.0836	16.4042	6.9361	6.9361	-0.066	
3	2010-01-07 00:00:00	6.9498	-2.1981	16.2725	6.9498	6.9498	-0.1887	
4	2010-01-08 00:00:00	6.9635	-2.7351	15.1315	6.9635	6.9635	-0.317	

Forecast data - tail

	ds	trend	yhat_lower	yhat_upper	trend_lower	trend_upper	additive_terms
4,314	2026-04-04 00:00:00	213.1039	188.2153	234.9258	190.4871	233.5191	-0.7662
4,315	2026-04-05 00:00:00	213.1448	188.1671	235.2269	190.4809	233.5653	-0.7027
4,316	2026-04-06 00:00:00	213.1857	187.8686	235.5652	190.4747	233.6274	-1.0615
4,317	2026-04-07 00:00:00	213.2267	187.3301	234.552	190.4684	233.6936	-1.0657
4,318	2026-04-08 00:00:00	213.2676	189.0305	235.116	190.4633	233.7599	-0.9909

Forecast data - graph
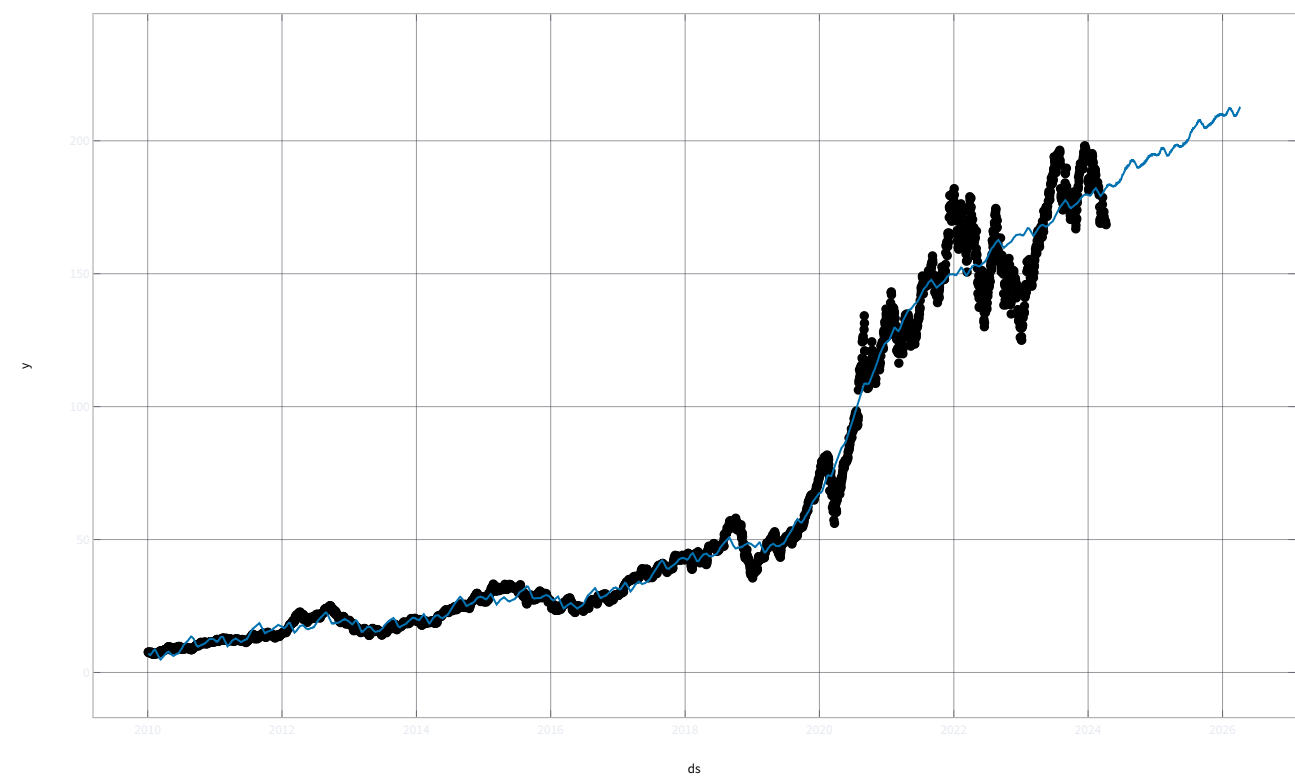
Forecast components - graph