

Stock Trend Prediction

Enter Stock Ticker

RELIANCE.NS

Data from 2010 - today

	High	Low	Open	Close	Volume	Adj Close
count	3,177.0000	3,177.0000	3,177.0000	3,177.0000	3,177.0000	3,177.0000
mean	976.5400	953.8561	965.4829	964.6575	8,631,994.7680	943.1501
std	719.8220	703.2744	711.7337	711.2305	5,938,286.8731	718.5658
min	338.1942	333.3650	334.3309	334.8757	0.0000	308.1870
25%	450.5542	440.3757	446.2698	446.0717	5,306,577.0000	421.3784
50%	529.4563	520.0950	524.5280	524.0079	7,081,771.0000	493.0890
75%	1,321.9690	1,291.9041	1,307.6052	1,305.1782	9,872,785.0000	1,286.5333
max	2,856.1499	2,786.1001	2,856.1499	2,819.8501	87,061,779.0000	2,811.3857

Stock Prediction App

Select Dataset for prediction

RELIANCE.NS

Years Of Prediction:

1

0

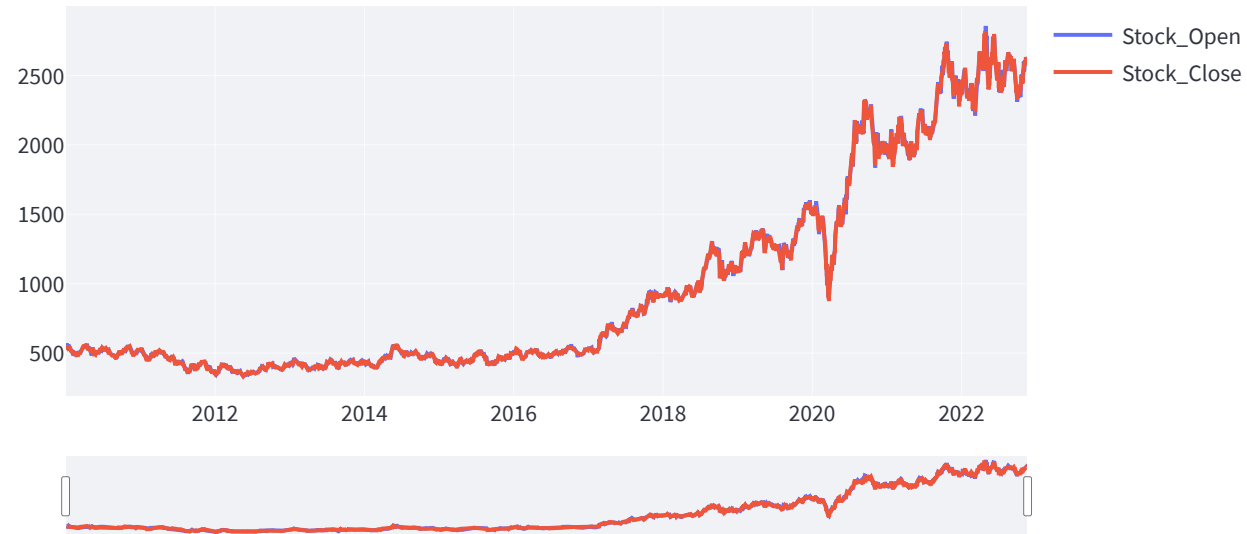
5

Load Data....Done!

Raw data

	Date	Open	High	Low	Close	Adj Close	Volume
3171	2022-11-09T00:00:00	2,610.3000	2,621.9500	2,590.0500	2,604.0000	2,604.0000	5193814
3172	2022-11-10T00:00:00	2,590.0000	2,596.5500	2,563.0000	2,572.5000	2,572.5000	2753420
3173	2022-11-11T00:00:00	2,600.0000	2,636.0000	2,588.0000	2,631.8000	2,631.8000	5681124
3174	2022-11-14T00:00:00	2,630.7500	2,642.0000	2,605.1499	2,619.0500	2,619.0500	4173395
3175	2022-11-15T00:00:00	2,622.3000	2,626.3999	2,590.0000	2,607.3000	2,607.3000	3270388

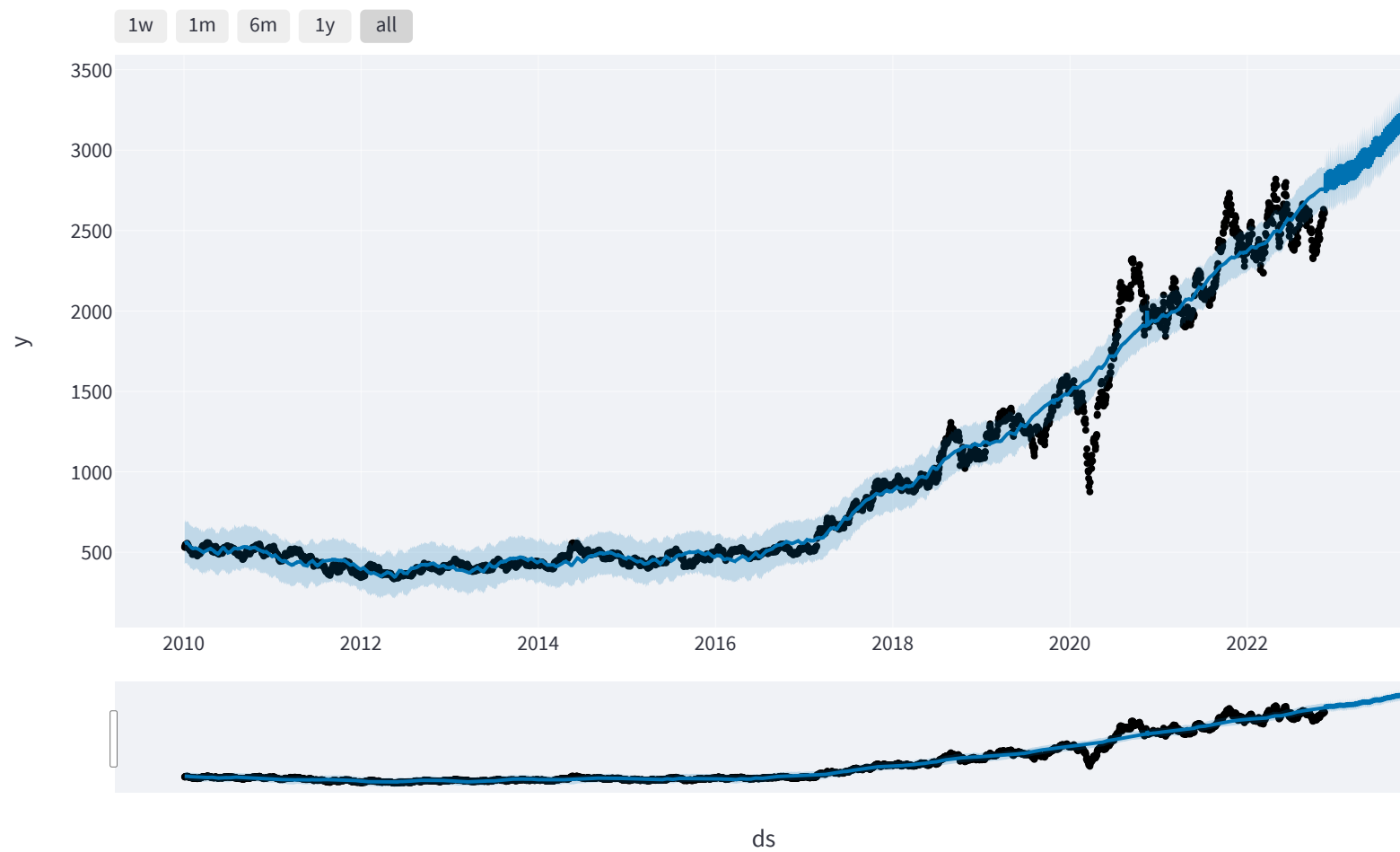
Time Series Data



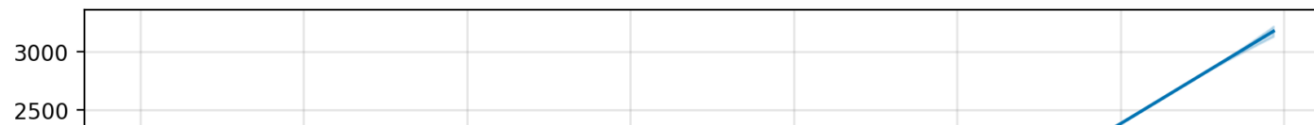
Forecast data

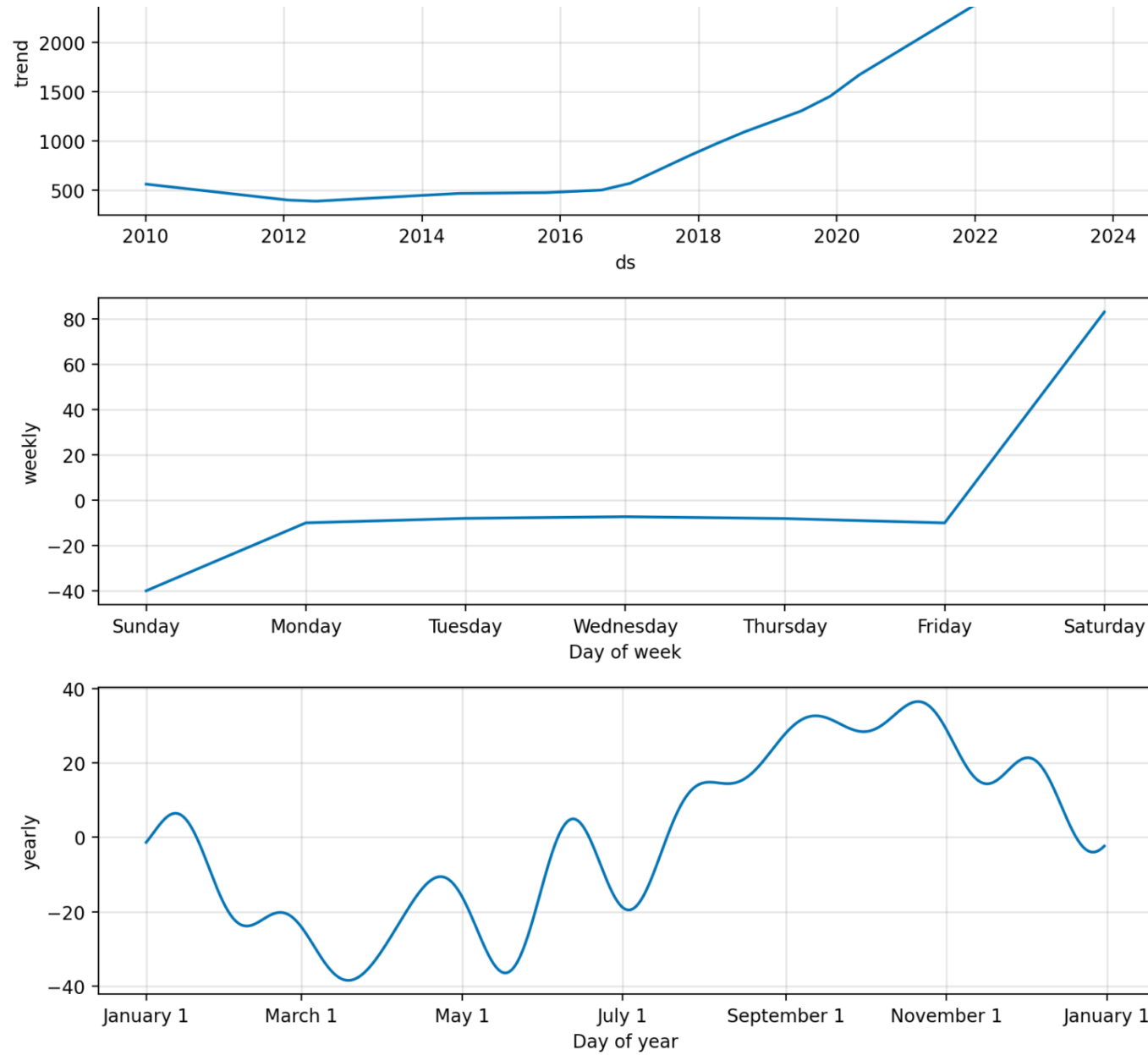
	ds	trend	yhat_lower	yhat_upper	trend_lower	trend_upper	additive_terms
3536	2023-11-11T00:00:00	3,172.1644	3,129.7615	3,412.2576	3,128.3679	3,214.0502	100.2214
3537	2023-11-12T00:00:00	3,173.3259	2,992.4321	3,279.2634	3,129.3679	3,215.5121	-23.6087
3538	2023-11-13T00:00:00	3,174.4874	3,040.0896	3,324.0265	3,130.3680	3,216.8682	5.6709
3539	2023-11-14T00:00:00	3,175.6488	3,046.2369	3,317.4351	3,131.3681	3,218.4256	7.1106
3540	2023-11-15T00:00:00	3,176.8103	3,037.2253	3,314.6489	3,132.3682	3,220.0004	7.4547

forecast data



forecast components



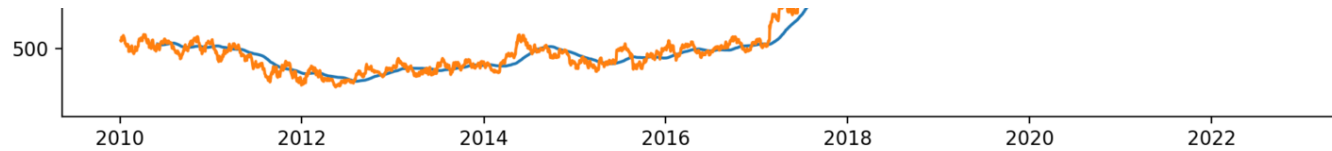


Closing Price vs Time chart



Closing Price vs Time chart with 100MA

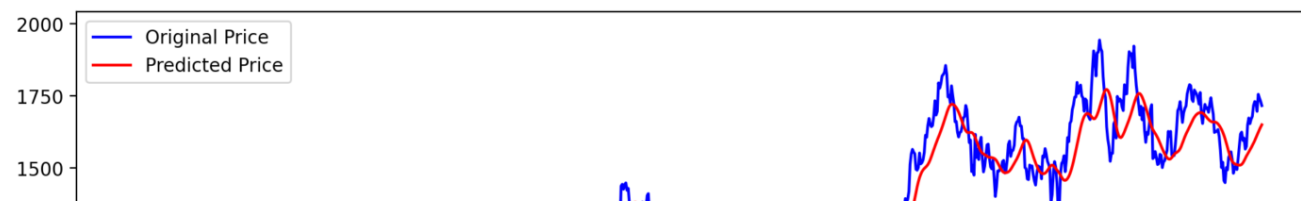


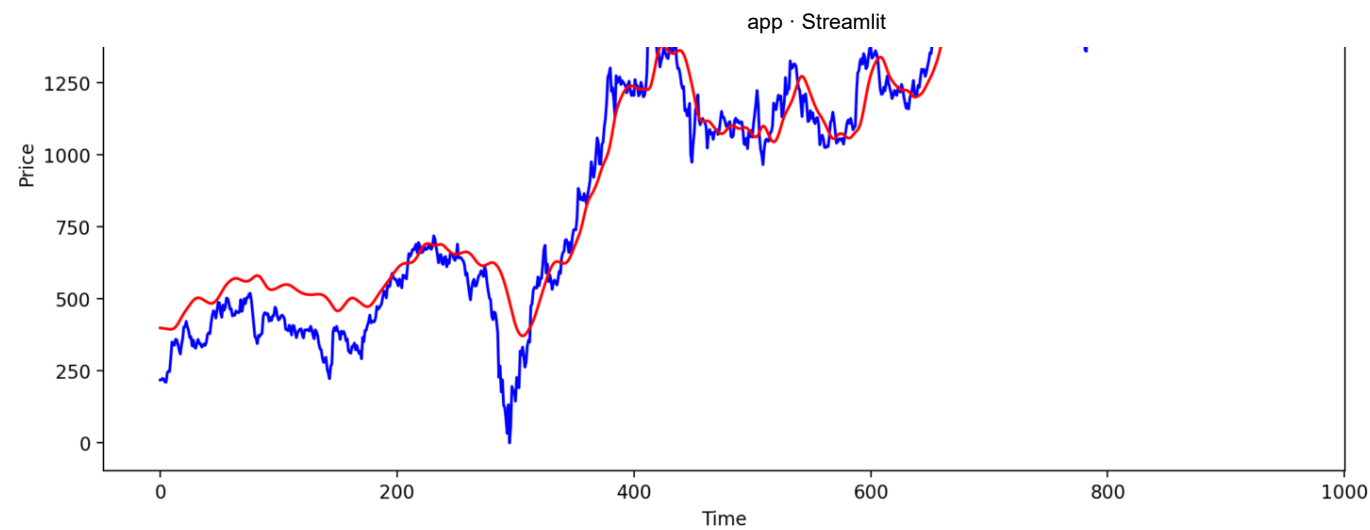


Closing Price vs Time chart with 100MA & 200MA



Prediction vs Original





Made with Streamlit