

Stock Selection & Analysis

Select Stock Tickers

AAPL ✕

✕ ▼

Select Timeframe

5y

▼

LSTM Model Training ^

☒ Train LSTM Model

Epochs

100

-

+

Batch Size

32

-

+

LSTM Units

50

-

+

Training LSTM model for AAPL...

AAPL: Epoch 100/100, Loss: 0.0

LSTM Model Trained Successfully for AAPL!

☐ Run Backtest

AI Trade-master - Comprehensive Stock Dashboard

Candlestick Chart for Selected Stocks

Data for AAPL

Date	Open	High	Low	Close	Adj Close	Volume
2022-12-23 00:00:00	130.92	132.42	129.64	131.86	130.6314	63,814,900
2022-12-27 00:00:00	131.38	131.41	128.72	130.03	128.8184	69,007,800
2022-12-28 00:00:00	129.67	131.03	125.87	126.04	124.8656	85,438,400
2022-12-29 00:00:00	127.99	130.48	127.73	129.61	128.4023	75,703,700
2022-12-30 00:00:00	128.41	129.95	127.43	129.93	128.7193	77,034,200

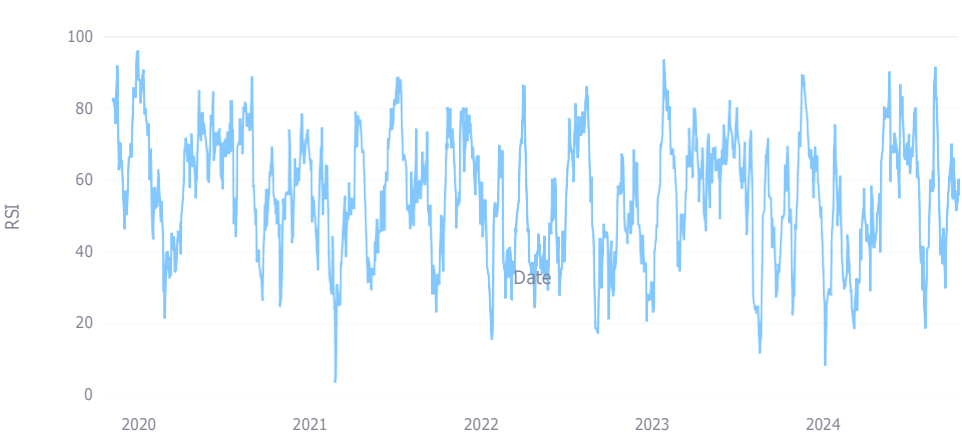
Candlestick chart for AAPL



Technical Indicators Comparison

Technical Indicators for AAPL

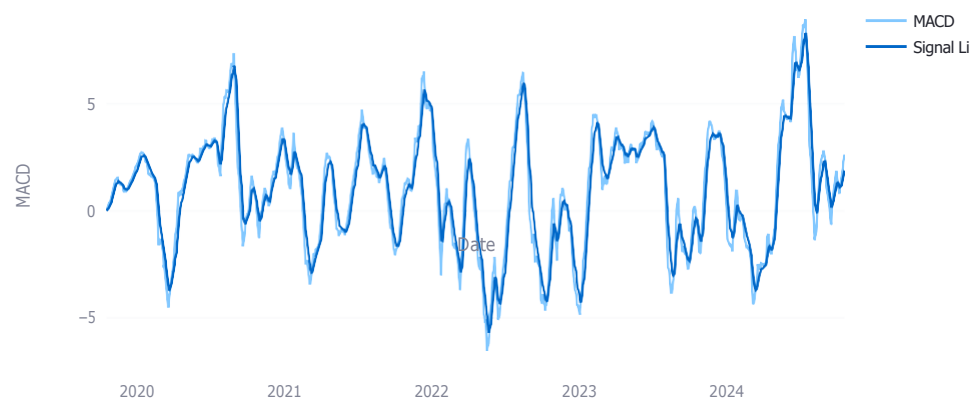
RSI for AAPL



Bollinger Bands for AAPL



MACD for AAPL

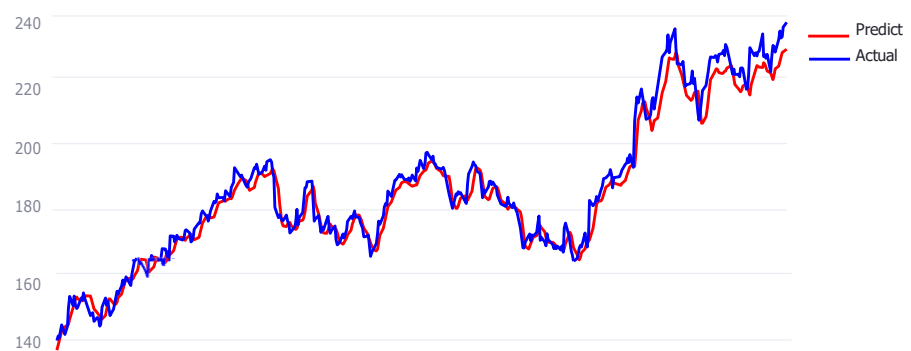


Model Performance Metrics and Predictions

Results for AAPL:

RMSE: 0.8552193070614056, MAE: 0.647605590079376

Actual vs Predicted Values for AAPL



Predicted Stock Prices

Predicted Price for AAPL: 229.49

Backtesting Results

Initial Capital: ₹ 100000

Final Portfolio Value: ₹ 123930.54

Total Return: 23.94%

	Action	Price	Shares
0	BUY	70.0648	142
1	SELL	66.458	142
2	BUY	109.2657	86
3	SELL	116.1403	86
4	BUY	130.5786	77
5	SELL	127.8041	77
6	BUY	120.5674	81
7	SELL	129.4255	81
8	BUY	140.5858	75
9	SELL	146.2411	75

