

Stock Selection & Analysis

Select Stock Tickers

AAPL x

Select Timeframe

5y

LSTM Model Training

☒ Train LSTM Model

Epochs

100

Batch Size

32

LSTM Units

50

Training LSTM model for AAPL...

PL: Epoch 100/100, Loss: 0.000

LSTM Model Trained Successfully for AAPL!

☒ Run Backtest

AI TradeMaster - Comprehensive Stock Dashboard

Candlestick Chart for Selected Stocks

Data for AAPL

Date	Open	High	Low	Close	Adj Close	Volume
2024-10-15 00:00:00	233.61	237.49	232.37	233.85	233.85	64,751,400
2024-10-16 00:00:00	231.6	232.12	229.84	231.78	231.78	34,082,200
2024-10-17 00:00:00	233.43	233.85	230.52	232.15	232.15	32,993,800
2024-10-18 00:00:00	236.18	236.18	234.01	235	235	46,431,500
2024-10-21 00:00:00	234.45	236.85	234.45	236.48	236.48	36,220,800

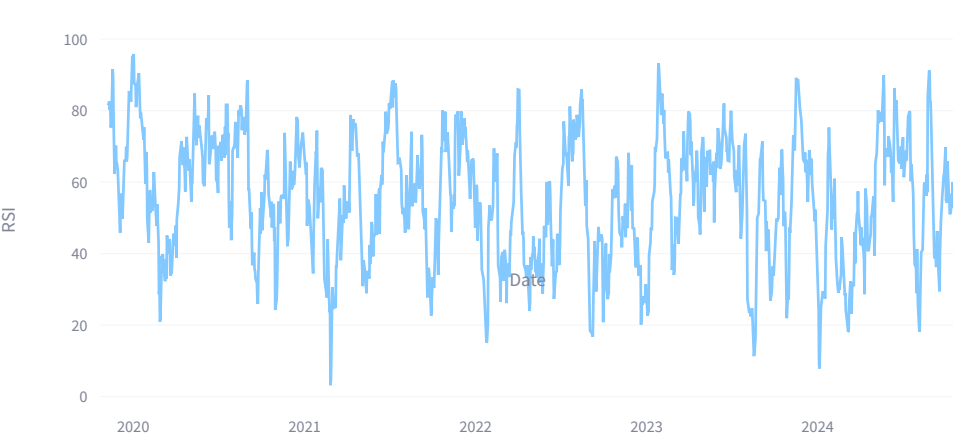
Candlestick chart for AAPL



Technical Indicators Comparison

Technical Indicators for AAPL

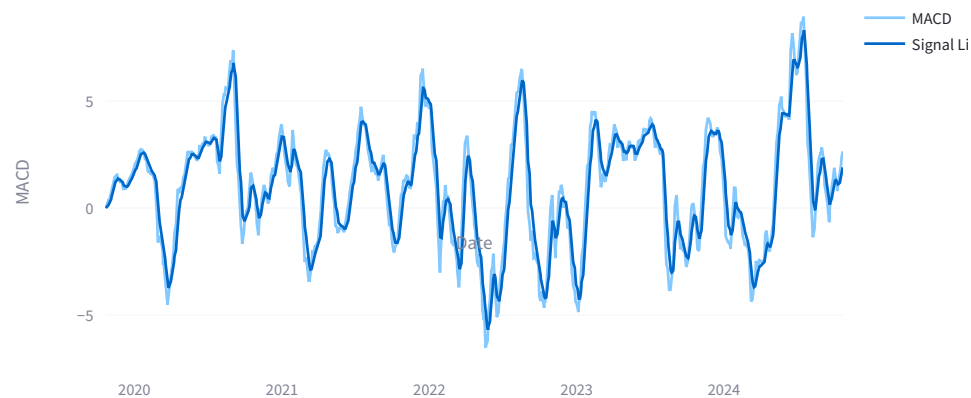
RSI for AAPL



Bollinger Bands for AAPL



MACD for AAPL

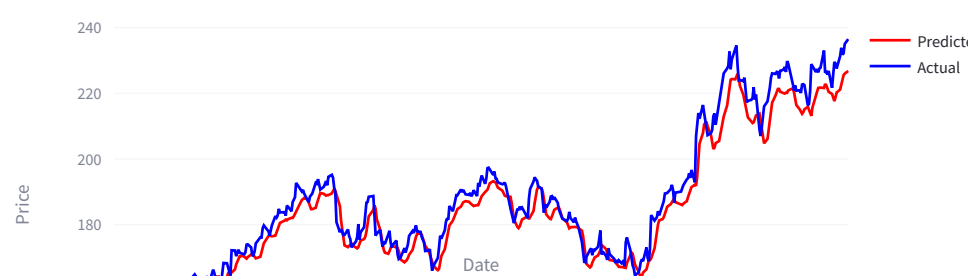


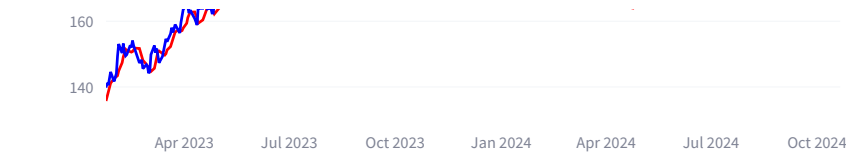
Model Performance Metrics and Predictions

Results for AAPL:

- Predicted Price: \$227.86
- Training RMSE: 3.59
- Testing RMSE: 5.11
- Training MAE: 2.73
- Testing MAE: 4.10

Actual vs Predicted Values for AAPL





Predicted Stock Prices

Predicted Price for AAPL: 227.86

Backtesting Results

Initial Capital: \$10000

Final Portfolio Value: \$12393.54

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