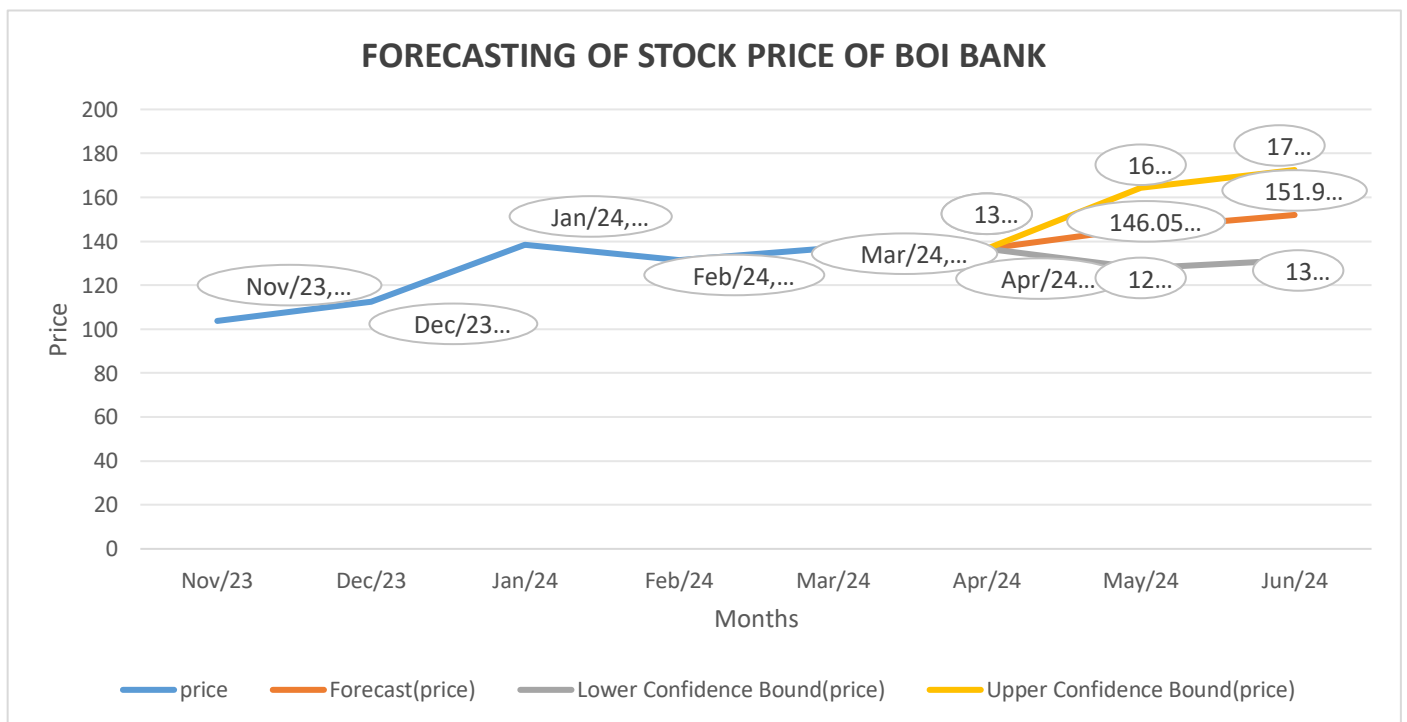


Forecasting

Stock Market Prediction of BOI Stock

month	price	Forecast(price)	Lower Confidence Bound(price)	Upper Confidence Bound(price)
Nov-23	103.75			
Dec-23	112.6			
Jan-24	138.4			
Feb-24	131.45			
Mar-24	137.05			
Apr-24	136.6	136.6	136.60	136.60
May-24		146.0579584	127.77	164.34
Jun-24		151.974077	131.52	172.43



The graph represents a predictive analysis of BOI Bank's stock prices, based on historical data from November 2023 to April 2024. Actual stock prices for this period ranged from 103.75 to 136.6. Forecasts for May and June 2024 are 146.06 and 151.97, respectively, each accompanied by 95% confidence intervals. For May, the interval spans 127.77 to 164.34, and for June, it ranges from 131.52 to 172.43. These confidence intervals indicate the expected range of stock prices with a 95% probability, accounting for uncertainty in the predictions. This forecast aids investors and stakeholders in anticipating potential market trends and making informed decisions.