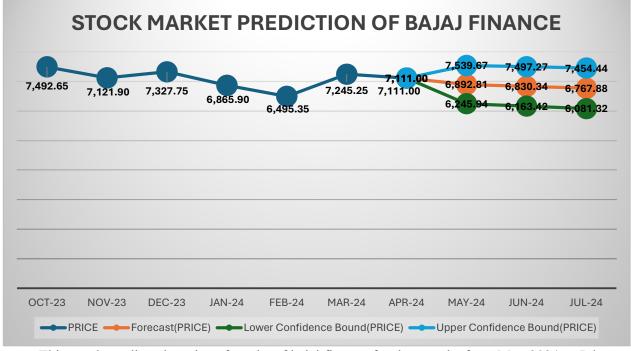
## **Forecasting**

## Stock market prediction of Bajaj finance

Months	PRICE	Forecast(PRICE)	Lower Confidence Bound(PRICE)	Upper Confidence Bound(PRICE)
Oct-23	7,492.65			
Nov-23	7,121.90			
Dec-23	7,327.75			
Jan-24	6,865.90			
Feb-24	6,495.35			
Mar-24	7,245.25			
Apr-24	7,111.00	7,111.00	7,111.00	7,111.00
May-24		6,892.81	6,245.94	7,539.67
Jun-24		6,830.34	6,163.42	7,497.27
Jul-24		6,767.88	6,081.32	7,454.44



This graph predicts the price of stocks of bajaj finance for the months from May 2024 to July 2024. The actual prices are given for the months up to April 2024. For May, June, and July 2024, the forecasted prices are 6,892.81, 6,830.34, and 6,767.88 respectively. The forecasts come with confidence intervals, showing the expected range of prices. For May, the range is between 6,245.94 and 7,539.67. For June, it's between 6,163.42 and 7,497.27. And for July, it's between 6,081.32 and 7,454.44. These predictions help to anticipate potential future market trends.