

# RELI Stock Price Predictor

This application forecasts the stock price of Reliance (RELI) for August 2025. It uses historical data(past 10 years) and a LightGBM machine learning model for the prediction.

## Model Performance

Comparing LightGBM and Linear Regression on the test set.

### LightGBM

Mean Absolute Error (MAE)

17.23

R<sup>2</sup> Score

0.95

### Linear Regression

Mean Absolute Error (MAE)

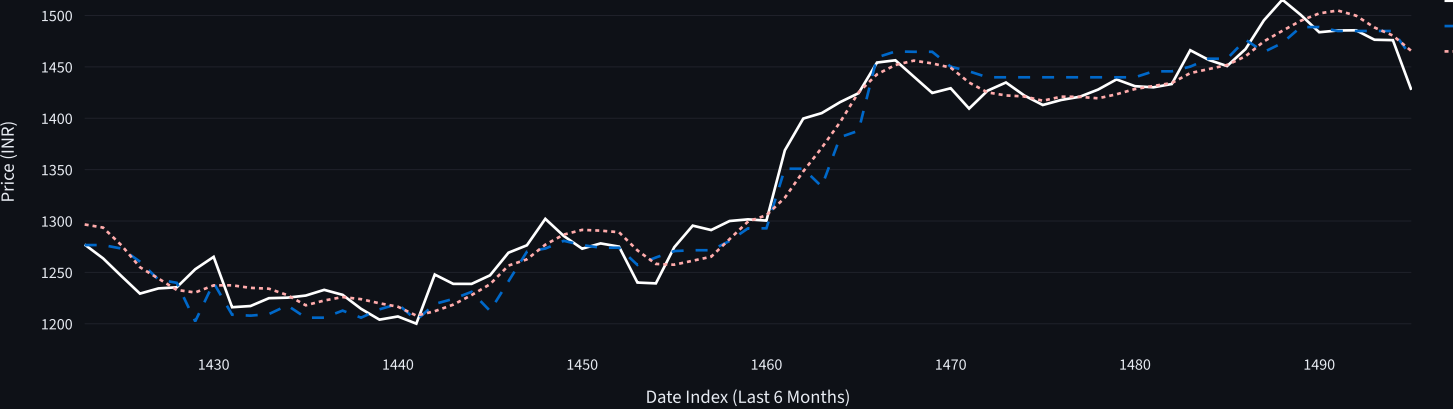
15.31

R<sup>2</sup> Score

0.96

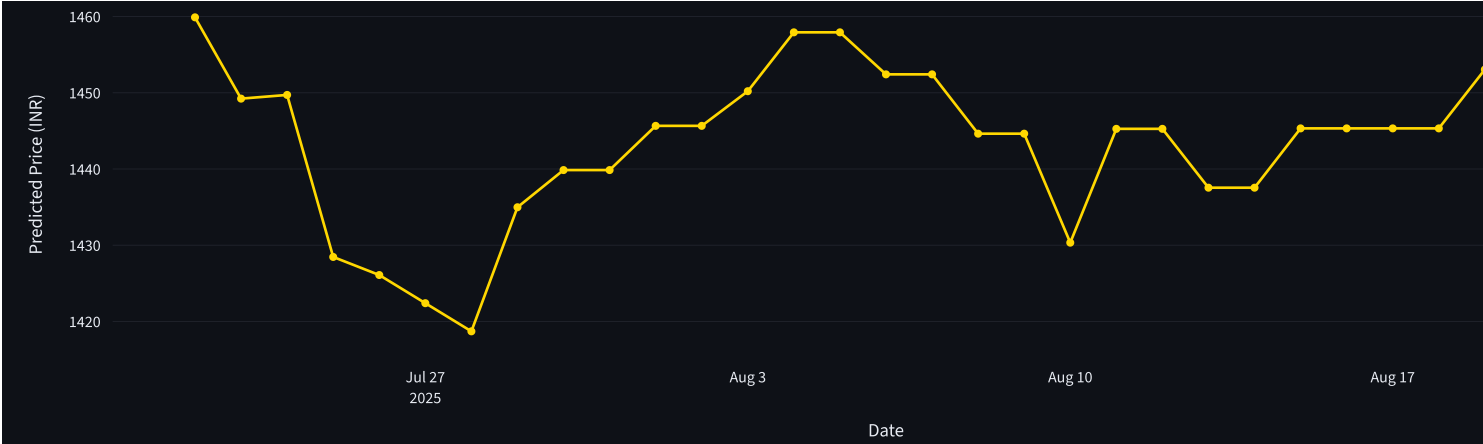
## Actual vs. Predicted Prices on Test Data

Comparison of Model Predictions



## Forecast for August 2025

Forecasted Prices for August 2025



➤ Show Raw Forecast Data