Bitcoin stock prediction using machine language

For creating this model I used **Random Forest Algorithm** we can also use **LSTM(Long short term memory management)Algorithm**

Steps for execution of model

- *First we import data set using **yfinance** library*
- *Then we extract its history period to max*
- *Then plotted the graph for visualization*
- *Then deleted the unwanted columns*
- *Then added new column namely tomorrow ,which contains the closing value for next day*
  which was done using shift method
- *Then creating one more column namely target here if our tomorrows value is greater than closing value it will give output as 1 otherwise 0 for this we will use **astype(int)** to get values*
- *Then we used **Random Forest Classifier***
- *Training and testing was done*
- *And then we set our estimator to 800 ,min_samples to 2 and random_state to 1 for getting optimal solution*
- *Then imported the precision score and predicted the test data*
- *Then converted it into series*
- *After that checked the precision of model*
- *Then plotted the graph and Pred and target*
- *Backtesting for done for increasing the precision of model*
- *And then precision value was retrieve*