

ABSTRACT

In this project we have presented an approach to predict the stock price movements. We use Artificial Neural Network (ANN) to predict the closing price of the IBM stock. We have implemented the architecture with a various number of neurons to predict the price of the stock a week ahead. We tested our algorithm and forecasted the price of the stock for the next three years. The summation of the absolute error calculated from the series modeled by ANN was 2236.43 providing proof for the efficiency of the algorithm.