

Bitcoin Price Prediction Using Machine Learning

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Abstract: *With the increase of the digital cryptocurrency its shows abnormal profit in past few years. The price of bitcoin is fluctuating every second, which is why we keep track of it. want prediction model which give us a brief idea regarding the increase and decrease in bitcoin price. Here machine learning comes into scene by the help of machine learning and its LSTM and ARIMA models we get knowledge about the increase and decrease in the bitcoin price by their prediction models. In the first phase of our survey, we understand the daily trends of the bitcoin market through API as google, twitter, social media etc. In second phase we use the available data from API, and with the help of prediction models we predict the price of the bitcoin to the closest accuracy possible. Therefore, this paper includes the brief idea regarding Bitcoin price prediction system using Machine Learning Models.*

Keywords: Machine Learning, LSTM & RNN, ARIMA, Cryptocurrency

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