Bitcoin Price Prediction using Machine Learning

Abstract

The past several years have seen an increase in interest in trading that is supported by machine learning and artificial intelligence. Utilize automated trading with the aid of machine learning and artificial intelligence to reap the maximum rewards from the cryptocurrency market. For a specific time, we keep the daily data. We achieve excellent results by utilising tactics supported by cutting-edge algorithms. The results produced the expansion in the crypto currency industry with the aid of straight forward architecture and algorithms. The rise in market capitalization has led to a rise in popularity for the cryptocurrency in 2017. Today's market involves more than 1500 crypto currencies. For usage in online transactions, the crypto currency can be created. A crypto money technology is bitcoin. Bitcoin's value changes constantly, second by second. As a result, we apply machine learning architecture to forecast the value of the bitcoin price in this case. We are working to demonstrate that, in comparison to previous techniques and architectures, this ML architecture produces results that are more accurate. Our study use the Support Vector Machine(SVM) and K Nearest Neighbor(KNN)algorithms to successfully forecast bitcoin prices.