

ABSTRACT

This project is implemented to predict the Bitcoin price accurately by taking into considerations of various parameters that affect the Bitcoin value. Bitcoin are put away in an advanced wallet which is essentially similar to a virtual financial balance. In this pandemic the relationship between Bitcoin and the equity market has expanded. Cryptocurrencies are highly volatile but also prove to be a good investment. This work is pointed to understand daily changes in the Bitcoin price. The accuracy is the prime concern in this project. In this project KNN and SVM machine learning algorithms are used to predict the yearly cumulative returns and movements, where KNN algorithm classifies the day to day prediction and gives SPY and cumulative returns and SVM does prediction with the day to day closing prices. This prediction can bring confidence and knowledge for investors who does fundamental analysis on the growth rates of the stocks.