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Crypto Currency Price Prediction Using LSTM

Karan Kumar R¹, Karthik Raja R², Kavimukilan M³, Dr. B Muthu Senthil⁴

UG Scholar, Department of Computer Science & Engineering^{1,2,3}
Associate Professor, Department of Computer Science and Engineering⁴
SRM Valliammai Engineering College, Chengalpattu, India

Abstract: Crypto currencies have attracted extensive attraction from investors, researchers, regulators and the media. A well known and unusual feature is that crypto currencies price often fluctuates significantly, which has however received less attention. This project learns how to create model prediction of crypto currencies using LSTM. LSTM (Long Short-Term Memory) is another type of module provided for RNN (Recurrent Neural Network) later developed and popularised by many researchers. We investigate the impact of parameters on crypto currency price fluctuation prediction which can be further used in a real trading environment by investors. As a plan for future work, there is a recommendation to investigate other factors that might affect the prices of cryptocurrency market such as social media and tweets.

Keywords: LSTM, RNN, Crypto Currency, Bitcoin, Predictions

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