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BTC PREDICTION USING RNN

"GOOD DECISION, BETTER OUTCOME"



01 INTRODUCTION

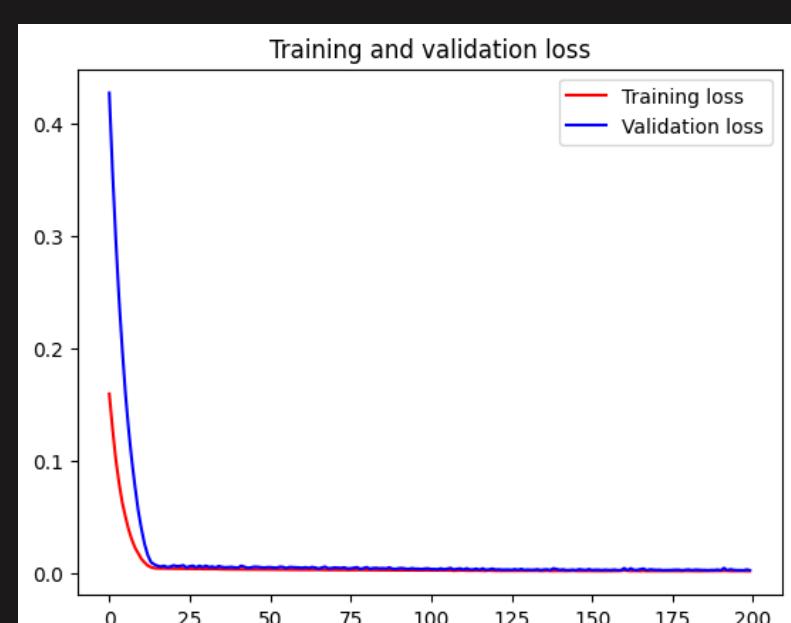
In recent times, there has been an increase in the number of investors entering the crypto market for better outcomes. People follow some channels that give some examinations of the BTC price in a month or even many years later to seek faith in the Bitcoin price. Thus, a BTC prediction price model trained by RNN will handle it.

02 OVERVIEW

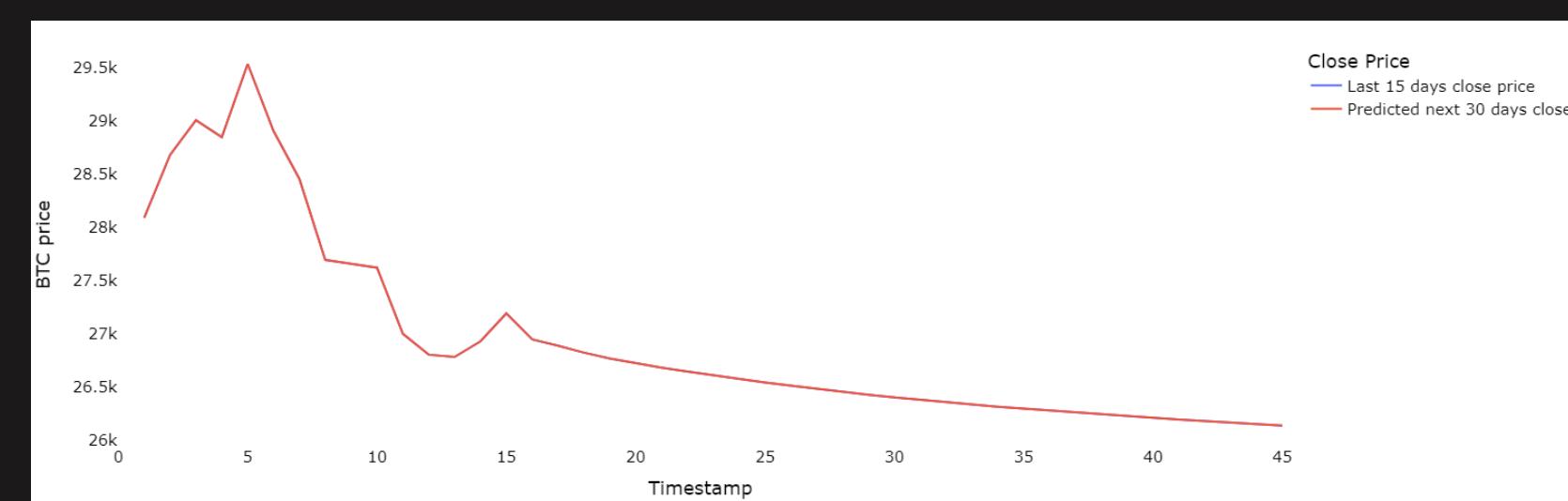
DATABASE



RNN TRAINING



PERFORMANCE



03 METHODOLOGY

Loading data from CSV file



Gathering insights using EDA



Building LSTM model of close price and estimate the validation loss



Feedback by figure

04 MODELING & ANALYSIS

Prediction model

Model built by LTSM

Input: Close price in 2022 data from database
Output: validation loss estimation

Techniques

- 1st step: Split the dataset into training & testing data
- 2nd step: Building LSTM model & fitting the training data
- 3rd step: Make prediction on testing data
- 4th step: Make model Evaluation
- 5th step: Make prediction for 30 days

05 RESULTS & DISCUSSIONS



The result of the project is to predict the trend of Bitcoin price in the next 30 days. It can be seen from the graph, the upcoming 30 days will face a down trend