

Trading Master Using Python

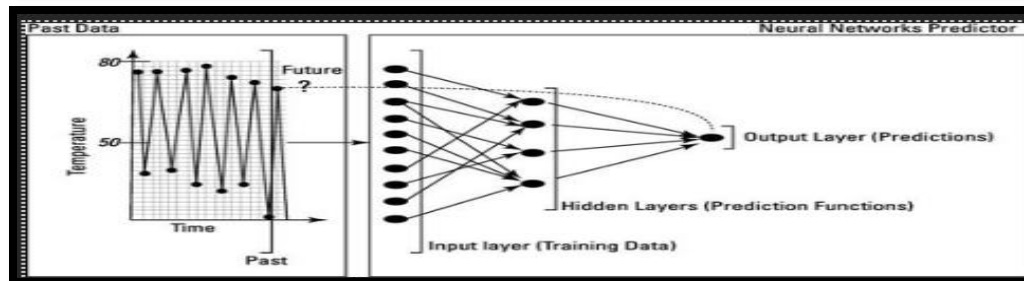
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Abstract / Project Insights: In this project, we are making use of APIs to get real-time data from two largest online cryptocurrency trading and statistics platforms, that provides us with more accurate data that is being refreshed after a certain interval of time. Machine Learning algorithms have the ability to discover the various trends and patterns in the cryptocurrency data and use them to make more accurate predictions of its future value. Cryptocurrency data is a type of time series data which is generated every second. Time series analysis applies various statistical analysis techniques on the historical cryptocurrency data to find trends in the cryptocurrency prices and the various other characteristics of the data.

Proposed Method



Future Scope: Cryptocurrency price prediction has always been a notoriously difficult task and in order to carry it out using machines seems a little difficult because of various factors involved in the process. Though we have tried our best to add all the necessary features in the application, still there is a lot more that can be done in the future versions of this application, some of the features that can be added in future are as follows;

Multi-User Application

Mobile App for Trading System

Deploying the Model on Cloud

Results and Output Screen



HISTORY OF BITCOIN (\$)

Symbol	Price 1 Day Ago	Price 10 Days Ago	Price 15 Days Ago	Price 20 Days Ago	Price 30 Days Ago
01/05/2023	22/04/2023	17/04/2023	12/04/2023	02/04/2023	
BTUSD	28068.26	27816.85	29430.27	29888.07	28171.87

Current Price: \$ 28276.25

Enter the Amount of BITCOIN :
\$

Current Value: \$ 141381.25

Predicting the Future Value of BITCOIN

Fetching Results

Future Predictions for your Investment in BITCOIN

Date	Duration	Predicted Price	Profit/Loss	Profit/Loss %	Predicted Value
03/05/2023	After 1 Day	27928.738	Loss	1.23	139643.691
12/05/2023	After 10 Days	28188.582	Loss	0.59	140542.91
17/05/2023	After 15 Days	29447.535	Profit	4.14	147237.676
22/05/2023	After 20 Days	28587.941	Profit	0.82	142539.787
01/06/2023	After 30 Days	28274.678	Loss	0.01	141373.389