**CRYPTO CURENNCY PRICE ANALYSIS WEB APPLICATION**

**ABSTRACT:**

Economical field cryptocurrency plays an important role in improving world transactions day by day without depending on any government body. Day by day use of cryptocurrency transactions and acceptance from various merchants has been increased in recent day transactions.Many people are investment on cryptocurrency for that need dynamic web application to predict cryptocurrency. Dramatically prediction of of cryptocurrency is uncertainty due to lack of awareness on prediction of cryptocurrency data and market-risks.For that proper understanding of cryptocurrency we are going to develop artificial intelligence web application using python.

For this we are going to analyze various cryptocurrency data sets by that proper prediction of crypto currency using various neural techniques from where the prediction of cryptocurrency can achieve with our Artificial intelligence web application.Due to previous historical cryptocurrency analysis we can predict similar price of present day cryptocurrency using our web application.This study provides a unique method to study the market price of cryptocurrency and depending on the nature of the market risk using artificial intelligence. Many changes are required in the cryptocurrency prediction field to improve according to changes in market economy. We can improve cryptocurrency by using machine learning techniques which are applied easily on cryptocurrency field. Along with all advances in the machines and technologies used in cryptocurrency, useful and accurate information about different matters also plays a significant role in it. The concept of this paper is to implement the cryptocurrency selection method so that this method helps in solving many cryptocurrency and investors problems. This improves world economy by minimize the risk factors for investors.

**EXISTING SYSTEM:**

Hence cryptocurrency investors should know all the new technologies of machine learning and other new techniques. These techniques help in getting maximum similar price prediction of cryptocurrency.Many techniques of machine learning are applied on cryptocurrency is accurately due to existing techniques used in predictions based on time intervals gap of 1-2 hours time period.where it is not giving similar predictable cryptocurrency prices.Combination of block chain and various existing methods not efficient to give proper similar prediction of cryptocurrency where investors are not giving proper proper profits.Day by day increase in investors in cryptocurrency market there is need to update application to give proper similar price prediction of cryptocurrency .

**DISADAVANTAGES:**

* As the crypto currency investors are facing many problems in market investing sector we need to minimize their problems.
* Due to complex analysis of various factors and algorithms used need to improve them.
* Low Efficiency

**PROPOSED SYSTEM:**

we have considered only ANN method and LSTM method. Using these two methods we can predict cryptocurrency which are analyses before available cryptocurrency data sets used in training this algorithms.This application we can give time series prediction of cryptocurrency using this ANN and LSTM methods accurately a compared with other methods. The results will tell you the similar price prediction of cryptocurrency based on day to day price using previous cryptocurrency price data training set. In analyzing it allows you to select a whole file at once and get the accuracy.

**ADAVANTAGES:**

* High Efficiency.
* reduction of problems can be done by implementing new techniques on cryptocurrency.
* This application helps them to predict the similar price of cryptocurrency.
* this will help time series and accurate price prediction using ANN and LSTM.

**SYSTEM REQUIREMENTS:**

**HARDWARE REQUIREMENTS:**

* System : Pentium Dual Core.
* Hard Disk : 500 GB.
* Monitor : 15’’ LED
* Input Devices : Keyboard, Mouse
* Ram : 1GB.

**SOFTWARE REQUIREMENTS:**

Operating system : Windows 7.

Coding Language : Python,

Tool : PyCharm,VisualStudio Code

Database : MYSQL

**REFERENCE:**

Wang Yiying Department of Mathematics University of Liverpool,ZangYeze School of Computer Science Beijing Jiaotong University, “**Cryptocurrency Price Analysis With Artificial Intelligence**”, 2019 5th International Conference on Information Management (ICIM)IEEE Xplore: 16 May 2019, DOI: 10.1109/INFOMAN.2019.8714700