IT258 SGP

Build A Crypto Currency Price Alert

PROJECT REPORT

COUNTRIBUTERS

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Abstract

Cryptocurrency market is very volatile, trading prices for some tokens can experience a sudden spike up or downturn in a matter of minutes. As a result, traders are facing difficulty following with all the trading price movements unless they are monitoring them manually. Hence, we propose a real-time alert system for monitoring those trading prices, sending notifications to users if any target prices match or an anomaly occurs

Introduction

Cryptocurrency has a lot of hype right now, In Cryptocurrency 24/7 the trading is ON and also very volatile, for a lot of people, buying cryptocurrency – like Bitcoin, Litecoin, and Ethereum is a long-term game. Day trading anything that volatile is a dangerous. So, if someone take trade in crypto and not able to keep eye every time on it so they can defiantly gone use this Crypto Currency Price Alert in intraday trading, we can use This price alert for long term investment and swing trades also, once you have to choose price and whenever spot price will cross that limit, we get mail, the mail acknowledged you that spot price passed your limit(price)

Technologies used

Python

We are using python language for creating this price alerter. Python is an interpreted, high-level and general-purpose programming language. Python's design philosophy emphasizes code readability with its notable use of significant indentation, python it allows you to think like a programmer and not waste time with confusing syntax. Whether you're a student, a data scientist or an AI researcher, python can make your work easier

Anaconda spyder

Spyder, the Scientific Python Development Environment, is a free integrated development environment (IDE) that is included with Anaconda. It includes editing, interactive testing, debugging, and introspection features.

Scope

Cryptocurrency have a big scope in world. Cryptocurrency market cap in 2011 was 9 Billion USD and now after just 10 years in 2021 Cryptocurrency market cap is around 800 Billion USD, especially in India new generation is very attracted by cryptocurrency it means whenever people will know what is in it, people will start investing and trading in cryptocurrency and In Cryptocurrency 24/7 the trading is continue. So, if someone take trade in crypto and not able to keep eye every time on it and trading prices for some tokens can experience a sudden spike up or downturn in a matter of minutes so they can defiantly gone use this Crypto Currency Price Alert. And the main thing is this facilities are available in such big firms but retailers are not able to use this So, we have big scope of this alerter In market.

Advantages

As we know In Cryptocurrency 24/7 the trading is continue and also very volatile for some tokens can experience a sudden spike up or downturn at that time price alerter can save you from big losses

Existing system

There are many firms worldwide giving this type of services but they are very costly and also, we not founded any genuine application.

Hardware Specification

Automatic mailing systems might sound too complex but only needs very low hardware costs, you just need computer with a good editor and you're ready to go, not much requirement of extra hardware specifications

Software Specifications

Anaconda Navigator

Jupyter Notebook

Memory and disk space required as per :- 2GB + 2GB , 5 Core CPU

Reference

YouTube and cryptocurrency courses

Conclusion

If someone have good plan to invest in cryptocurrency or someone want to do trading in it, they can use this alerter for saved by big losses and they will get good entry level

ABOUT US

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