

What is Bitcoin?

Bitcoin offers an efficient means of transferring money over the internet and is controlled by a decentralized network with a transparent set of rules, thus presenting an alternative to central bank-controlled fiat money.

Advantage of Bitcoin:

By using a cryptocurrency, users are able to exchange value digitally without third party oversight.

Problem Faced by Users:

The main Issue with Bitcoin is that it is "FICKLE THING" and its value changes every minute.

BITCOIN-ALERT PROJECT:

This Project consists of a "Bitcoin-Notification Messaging Service" that can be used to send Real-Time Bitcoin Prices to target Messaging Service like Telegram, Twitter, Phone SMS and Push Notification(IFTTT App).

Installation Guide:

install bitcoin price notifier package using pip.

pip install Bitcoinprice-notifications

For Help Menu

Bitcoin-Price-Notification --help

you will see a Response like this

usage:

Usage: This app gives the price of 1 BTC in INR. Destination(-d) must be provided. To receive notification

from IFTTT install IFTTT mobile app. To receive notifications on Telegram install Telegram app and join this channel

<https://t.me/testbitcoinprice>. Prerequisite : MUST HAVE A IFTTT APP AND TELEGRAM APP.

INSTALLED TO RECEIVE NOTIFICATION

ALSO MUST JOIN THE TELEGRAM Bit_Coin CHANNEL TO RECEIVE MESSAGES. PRESS Ctrl+C to terminate the app.

Bitcoin price Notification

optional arguments:

("-h, --help -- Help with this Application

-a alertPrice

The price of 1 bitcoin when an emergency alert will be sent. Default is 10000 USD

-t timeFrequency

The Frequency at which the Bitcoin value is going to be Fetched from Server in minutes. Default 1 min

-l logLength

The number of Entries you would like to Send, the default is #2 Entries

-d destination_app

The Messaging Service Destination

1. Telegram

2. Twitter

Default : Telegram

-c currency INR

to run the app, type the following command

python3 bitcoin.py -a 100000 -t 1 -l 3 -d telegram

-a alertPrice

-t timeFrequency

-l logLength

-d destination_app

-c currency

#AUTHOR: GANAPATHY J