Stage 1 Graph a single cryptocurrency

CryptoPrice.py

Stage 2 add a single indicator line to the graph

5dayMovingAvg.py

Stage 3 backup to github and backup each following stage to github after every 30 minutes

Stage 4 use the graph and a 5dayMovingAvg to buy and sell crypto according to historical data. Start with $1000. Is there a profit or a loss using this strategy?

Method: go row by row and compare the prices for the close and the moving avg. If the price goes above the moving avg price buy. If the price goes below the moving average sell.

Stage 5 use the 5 day moving average to test the top 100 cryptocurrencies for this strategy and list the coins by the final value achieved by each coin.

Example:

Number 1 Bitcoin $1500

Number 2 Ethereum $1400

Etc.

Stage 6 add all the indicators to the list of indicators and test all coins for all indicators and then list the indicators and coins that were most successful in descending order.

use regression strategies in machine learning A-Z

Stage 10 decision tree regression

Stage 11 random forest regression

Use reinforcement strategies in machine learning A-Z

Stage 12 Upper Confidence Bounds

Stage 13 Thompson Sampling

Use Deep Learning in machine learning A-Z

Stage 14 ANN Artificial Neural Networks

Stage 15 Convolutional Neural Networks