

Project Proposal

Analyze digital currency

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What is the framing question of your analysis, or the purpose of the model/system you plan to build?

I am seeking to build a database-based model through which it will analyze the data and predict the price of the digital currency in the future

Who benefits from exploring this question or building this model/system?

every trader in the cryptocurrency market will benefit from it

What dataset(s) do you plan to use, and how will you obtain the data?

I will use dataset that provides the history of daily prices of Bitcoin. The data starts from 2012-01-01 and is updated till 2021-04-04. All the column descriptions are provided.

Link: <https://top4top.io/downloadf-2165x0a6e1-zip.html>

What is an individual sample/unit of analysis in this project?

digital currency

What characteristics/features do you expect to work with?

Open, Close, High, Low, Volume_BTC, Volume Currency, Weighted Price.

If modeling, what will you predict as your target?

Based on the predictive model, the price of the digital currency will predict whether it will fall or rise in the future