

Peer Review For Group 4

Project 2. MATH 4995

Group Number: 4

Title: G-Research Crypto Forecasting (Kaggle)

Summary of the report

The report aims to predict price of cryptocurrencies. Features such as timestamp, assets, price changes are being used and analysed. Feature Engineering of different methods are being used to facilitate model fitting.

Strengths of the report

The usage and explanations of models of different types are clearly written. Adequate data analysis were conducted. The steps are clearly written in the report. Graph supplied in the report could clearly and help explained and visualize information. Conclusion are drawn on comparisons of models and further improvement are stated.

Weaknesses of the report

Some actions, for example, filling NaN with 0, could be explained further and to investigate if alternatives could be better.

Evaluation on quality of writing: 5

Is the report clearly written? Is there a good use of examples and figures? Is it well organized? Are there problems with style and grammar? Are there issues with typos, formatting, references, etc.? Please make suggestions to improve the clarity of the paper, and provide details of typos.

The writing have a very logical flow and important procedures are clearly written. The citations are appropriate. The organized report could make understanding on some difficult points much easier to understand. Images used assisted in understanding.

Evaluation on presentation: 5

Is the presentation clear and well organized? Are the language flow fluent and persuasive? Are the slides clear and well elaborated? Please make suggestions to improve the presentation.

The presentation slide is very well designed, and in fact could even find some key design principles. The way of presentation have shown the importance of this project. The presentation have added in some more understanding from the report. The positions of images can actually be more organized.

Evaluation on creativity: 5

Does the work propose any genuinely new ideas? Is this a work that you are eager to read and cite? Does it contain some state-of-the-art results? As a reviewer you should try to assess whether the ideas are truly new and creative. Novel combinations, adaptations or extensions of existing ideas are also valuable.

Using models originally for different purposes and using it as a way on cryptocurrency prediction is very creative. Moreover, quite a number of methods are exciting to see and to expand it more. Models of different kinds and methodology is used.

Overall rating: 5

(5- My vote as the best-report. 4- A good report. 3- An average one. 2- below average. 1- a poorly written one).

Confidence on your assessment: 3

(3- I have carefully read the paper and checked the results, 2- I just browse the paper without checking the details, 1- My assessment can be wrong)

I have read through the report, presentation slides and source code several times.

