

# ETF Prediction and Trajectory Project

ECS 171

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## **Abstract**

Understanding the response of financial assets to macroeconomic news events such as interest rate announcements is extremely important for investors.

- 2-3 sentences that contain a high-level description of how you address the problem (your method)
- 2-3 sentences on results
- 1 sentence on broader impact (how this project/advance achieved by this project could influence the field)

## **1 Introduction**

- 1-2 sentences on general area
- 1-2 sentences on specific sub area
- 1 paragraph on specific problem and how it has been addressed so far
- 1-2 sentences to a paragraph on what is missing from current approaches and why this is important
- 1 paragraph on what this paper contributes, how we approach this problem, and results of the approach. should have clear definite claims on what we have achieved relative to what we claimed was missing

## **2 Methods**

Divide it into sections that are well-defined around distinct components, algorithms, sub-problems. Put references whenever you use/step on previously published work. Use sub-section numbering (3.1, 3.2, etc.). Describe your algorithms and methods fully so that if anyone wants to reproduce your results, they can do so (if there are many parameters, consider including a parameter file as supplementary material).

## **3 Results**

This should only describe the results that you have obtained. Sometimes it makes sense to discuss your interpretation of why this is happening, but this should be rare. This section should only present the facts about performance, robustness, and complexity.

## **4 Discussion**

This is where you discuss everything that was presented in the Results section. Explain why the algorithm performed better in X and not in Y. It is ok to succinctly restate strong result claims (that were included in the previous section), as long as you continue to explain, even speculate, why this may be the case. For example: "Our algorithm was faster in X scenarios than what is currently available. The main driver behind this performance boost is the Y module, which takes advantage of the Z characteristic of the problem. Indeed, ..."

## **5 Conclusion**

Finally, in what some papers refer to as "Conclusion," provide 1-2 sentences summarizing the purpose of this report and 1-2 sentences on what was achieved (these 2-4 sentences are usually similar to, or restate, what was said in the abstract). Then discuss what remains to be done (the road ahead), why (the impact to the field), and how you think it can be achieved (future work). End the report with 1-2 sentences on how the work presented advances the field in the grand scheme of things

## **6 References**

Please include all relevant references to provide a succinct and accurate summary of past work and challenges in the field. Research has found that the more articles you cite, the more you will be cited as well. For this report you are expected to have 10-20 references.

## **7 Author Contributions**

Clearly state what the contributions of each author are. Since you are working in large teams, this is the only place where I can see who did what.