
Money Making Shit, Dope, The Dope

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Abstract

The abstract paragraph should be indented ½ inch (3 picas) on both the left- and right-hand margins. Use 10 point type, with a vertical spacing (leading) of 11 points. The word **Abstract** must be centered, bold, and in point size 12. Two line spaces precede the abstract. The abstract must be limited to one paragraph.

1 Introduction

In our project, we will explore different approaches to apply machine learning principles and algorithms to the financial world. There exist technical indicators traditionally used by analysts to evaluate and predict market and equity performance, as they “can provide a unique perspective on the strength and direction of the underlying price action”. Feature extraction could be used to determine relevant indicators while identifying irrelevant and redundant indicators. Different implementations of algorithms based on these indicators could be used to predict performance of individual equities, sectors, or overall markets. They could also be used to classify and identify the correlation and interdependencies between equities, sectors, and markets. Our goal is to implement these various approaches to determine their efficacy as enablers to financial analysis. The biggest obstacle we face is finding relevant and ways to accurately test our implementations. This being said, below are extensive datasets on stock market pricing and volume data that will serve as the basis in generating technical indicator features to implement in our machine learning algorithms. From this project we hope to deepen our understanding of the usage cases for applying specific machine learning algorithms as well as expanding upon our technical analysis of the stock market and which indicators play a role in successful market analysis.

2 Related Work

3 Methods/Approach

4 Results

Words, Words, Worrrdsdsdfdsfsdafsd

5 Conclusion

It works?

Yeah. Yes. Yes, it works. That was a statement. Definitely not a question. <- Note the "period" (aka statement)

References

References follow the acknowledgments. Use unnumbered first-level heading for the references. Any choice of citation style is acceptable as long as you are consistent. It is permissible to reduce the font size to small (9 point) when listing the references. **Remember that you can use a ninth page as long as it contains *only* cited references.**

- [1] Alexander, J.A. & Mozer, M.C. (1995) Template-based algorithms for connectionist rule extraction. In G. Tesauro, D.S. Touretzky and T.K. Leen (eds.), *Advances in Neural Information Processing Systems 7*, pp. 609–616. Cambridge, MA: MIT Press.
- [2] Bower, J.M. & Beeman, D. (1995) *The Book of GENESIS: Exploring Realistic Neural Models with the GEneral NEural Simulation System*. New York: TELOS/Springer-Verlag.
- [3] Hasselmo, M.E., Schnell, E. & Barkai, E. (1995) Dynamics of learning and recall at excitatory recurrent synapses and cholinergic modulation in rat hippocampal region CA3. *Journal of Neuroscience* **15**(7):5249-5262.