

Recommended Reading Order for Research Papers

1. Deep Reinforcement Learning for Trading by Zihao Zhang, Stefan Zohren, and Stephen Roberts

Start here to get a comprehensive overview of how deep reinforcement learning is applied in trading. This paper will help you understand the fundamentals of DRL algorithms and their effectiveness in financial markets.

2. Deep Reinforcement Learning in Quantitative Algorithmic Trading: A Review by Tidor-Vlad Pricope

This review will reinforce your understanding of DRL in trading and give you a broader view of different approaches, helping you decide which methods may be best suited for your project.

3. Algorithmic Trading and Reinforcement Learning by the University of Liverpool

This paper goes into more specific reinforcement learning strategies and how they apply to algorithmic trading. It is a good way to bridge the gap between theory and practice.

4. Algorithmic Trading Using Sentiment Analysis and Reinforcement Learning by Simerjot Kaur

Once you understand DRL, move on to this paper to see how sentiment analysis is integrated into trading models. This will give you practical insights into how to incorporate sentiment data.

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5. Sentiment and Knowledge-Based Algorithmic Trading with Deep Reinforcement Learning by Abhishek Nan et al.

This paper discusses the integration of sentiment analysis and knowledge graphs with DRL to develop advanced trading strategies, broadening your understanding of sentiment data usage.

6. Learning the Market: Sentiment-Based Ensemble Trading Agents by Andrew Ye et al.

This research provides insights into using ensemble models with sentiment analysis, inspiring you to explore different ways of combining AI and statistical analysis in your project.