



## Sentimental Study Of Financial Market Charts Based On Price Action And Game Theory Techniques

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### Abstract

The financial market was dedicated to organizations and governments before. However, in the last decades, individuals with the high or low amounts of money trying to take a part in these markets. There are multiple choices in financial markets. Some of the most famous ones especially nowadays are Forex (Foreign currency exchange/Foreign exchange market) and Crypto (Bitcoin and Ethereum are well-known in this category). The main goals of traders are either investing for the long-term or trying to make short-term profits as part of their incomes. Although the majority of people lose their money in these markets, others and even the lost ones are still eager to take another chance. However, losses are more possible. In this article, firstly it is studied which situations are sure to lose based on game theory, so participants can avoid them. Secondly, the behavior of traders in sensitive situations based on the price action method is studied. Price action is the method of reading charts and candlesticks without using indicators. It can be used in all price charts and is not limited to a significant product or a special index. The results are general and not dependent on a single financial market.

**Keywords:** Sentimental Study, Financial Markets, Price Action, Game theory