

# Cognitive Enhancement and Derivatives Trading: Will Neuralink Create a New Class of Super- Traders?

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## Abstract

This paper investigates the potential impact of cognitive enhancement technologies, focusing on Neuralink, on the performance and dynamics of derivatives trading. We explore how enhanced cognitive abilities such as memory, pattern recognition, and risk assessment could give rise to a new class of super-traders. The study examines the potential benefits and risks of such advancements, including increased trading efficiency, heightened market volatility, and concerns regarding equity and accessibility. Furthermore, we delve into the ethical and regulatory implications that may arise from using cognitive enhancement in financial markets. By analyzing existing research, expert opinions, and potential future scenarios, this paper aims to provide a comprehensive overview of the complex interplay between cognitive enhancement and derivatives trading, ultimately contributing to a better understanding of the potential future of financial markets.

**Keywords:** *Derivatives Trading, Market Volatility, Neuralink, Cognitive Enhancement, BrainComputer Interface (BCI)*