

Trader Behavior vs Market Sentiment Analysis

Objective

The objective of this analysis is to understand how trader behavior on the Hyperliquid platform changes under different Bitcoin market sentiment regimes — Fear, Neutral, Greed, and Extreme Greed — and to identify patterns that can be used to build smarter trading strategies.

Datasets

Two datasets were used: a Bitcoin market sentiment dataset and historical trader data from Hyperliquid containing 184,263 trades.

Methodology

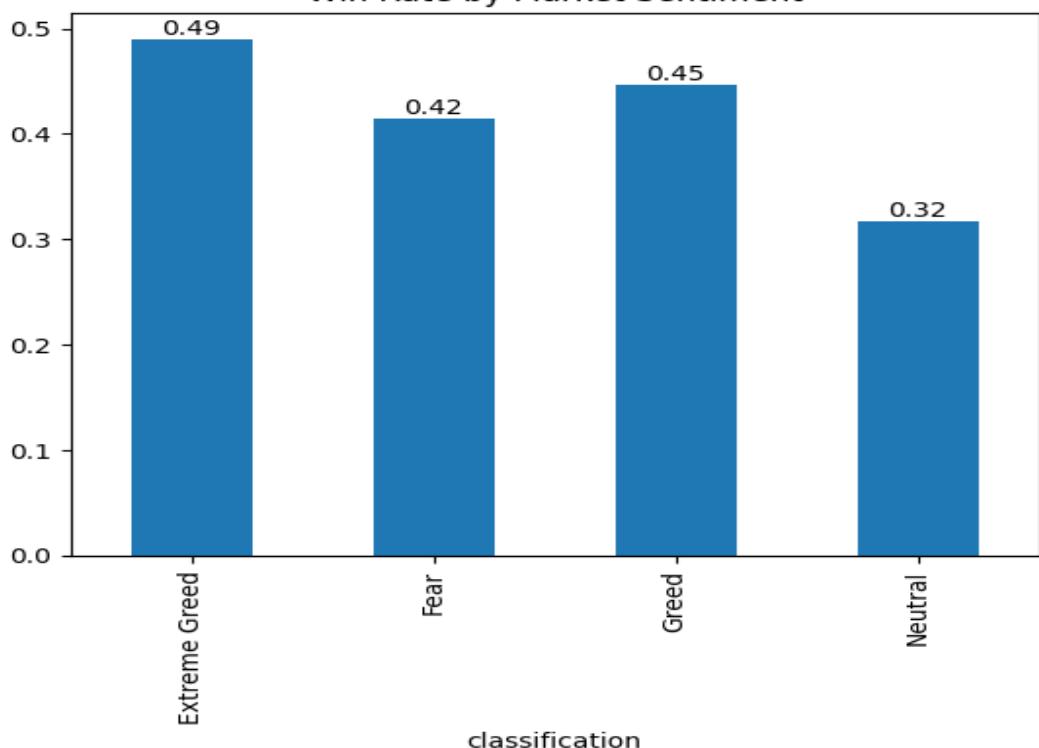
Unix timestamps were converted to dates. Both datasets were merged on date. Behavioral metrics such as win rate, risk (trade size), and profitability were computed.

Key Findings

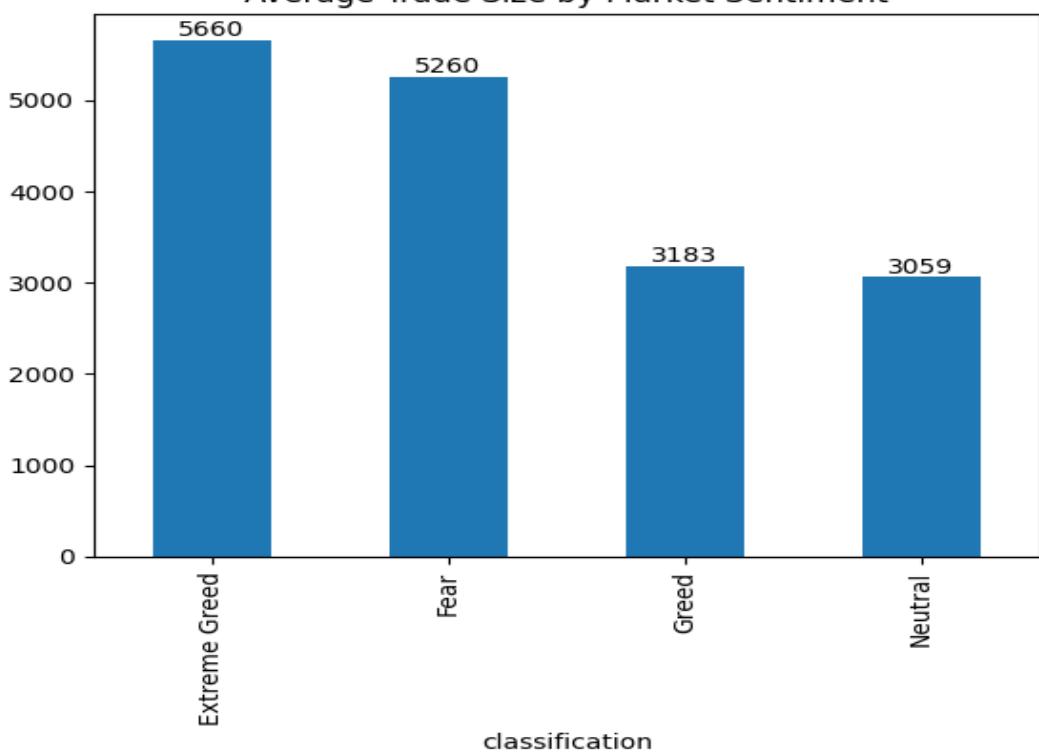
Extreme Greed shows high win rate but also high risk. Greed has the highest profitability. Neutral markets show poor performance.

Charts

Win Rate by Market Sentiment



Average Trade Size by Market Sentiment



Average Profit & Loss by Market Sentiment

