## **Trading Signals Summary**

Summary of Hypothesized Trading Signals based on Trading Volume and Market Sentiment:

- 1. High trading volume is observed during 'Fear' sentiment periods. Hypothesis: This could indicate moments of capitulation by some traders, which might present buying opportunities for contrarians.
- 2. Low trading volume is observed during 'Extreme Greed' sentiment periods. Hypothesis: This might suggest cautious traders reduce activity at market peaks, or fewer new participants enter the market at extreme highs. This could signal caution or a selling opportunity.
- 3. Significant variation and outliers in trading volume exist within each sentiment classification, particularly during 'Fear' and 'Extreme Fear'. Hypothesis: While average volume shows a general trend, large trades in emotional states suggest analyzing magnitude/frequency of large trades could give more nuanced signals than averages.