

Fear & Greed Index Analysis - Report

This report summarizes the analysis of the Fear & Greed Index dataset. The dataset contains market sentiment values ranging from 0 (Extreme Fear) to 100 (Extreme Greed), along with classification labels and timestamps.

The analysis process involved:

- Loading the dataset from CSV
- Converting timestamps to readable dates
- Renaming columns for clarity
- Plotting the Fear & Greed Index with sentiment zones

Visualization Insights:

The blue line in the plot shows the Fear & Greed Index trend over time. The red shaded region indicates periods of Extreme Fear (0–25), while the green shaded region represents Extreme Greed (75–100). These visual cues help in quickly identifying shifts in market sentiment.

Conclusion:

The Fear & Greed Index is a useful tool for gauging overall market mood. By monitoring historical patterns, traders and analysts can make informed decisions about market timing and risk management.