

Data Science Internship Submission

Project Overview

- Objective: Analyze how trading behavior aligns with market sentiment
- Datasets: Fear & Greed Index + Historical Trader Data

Methodology

- Data Cleaning
- Merge
- Groupby
- Visualization

Insights

- Fear days → moderate trading, slightly lower PnL
- Greed days → higher trading volume, higher PnL
- Neutral → low activity

Graphs

- Average PnL by Sentiment
- Total Volume by Sentiment

CSV Files

- merged_trades.csv
- sentiment_summary.csv

