

## **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

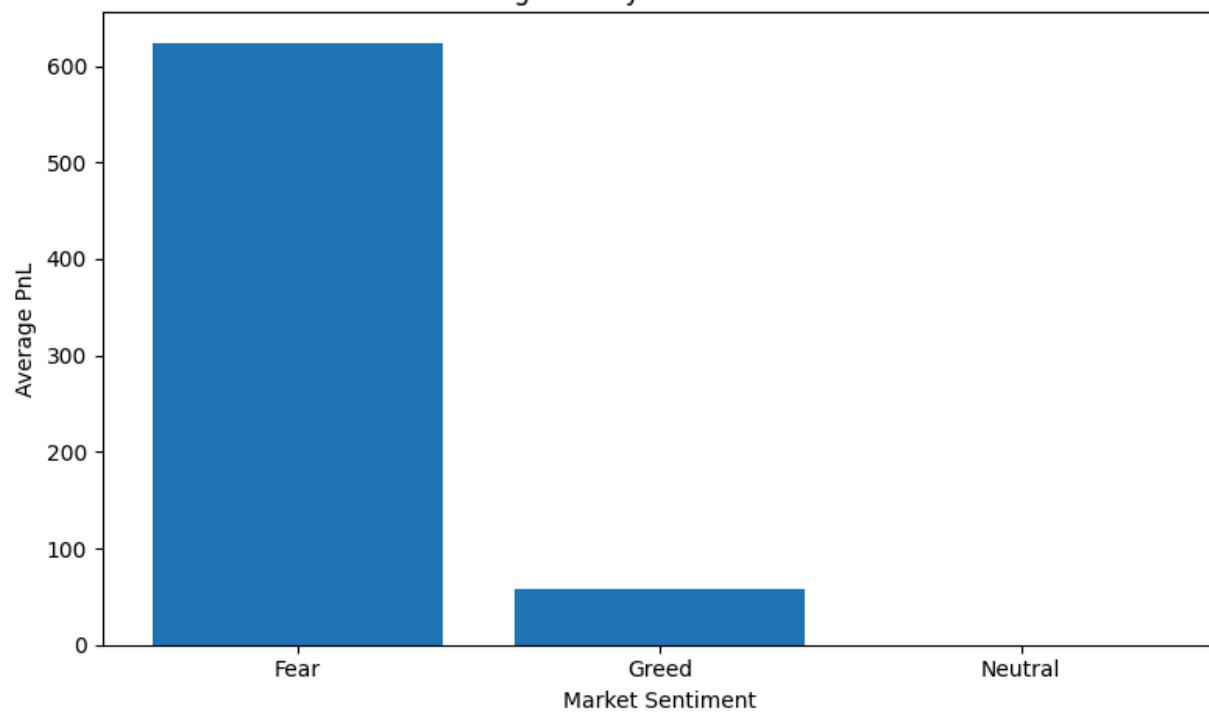
### **Graphs**

- Average PnL by Sentiment
- Total Volume by Sentiment

### **CSV Files**

- merged\_trades.csv
- sentiment\_summary.csv

Average PnL by Market Sentiment



Total Trading Volume by Market Sentiment

