

## **1. Objective**

Analyze how trader behavior aligns with Bitcoin market sentiment.

## **2. Dataset Overview**

- Fear & Greed Index dataset
- Historical trader transaction dataset

## **3. Methodology**

- Date normalization
- Dataset merging
- Feature engineering

## **4. Key Findings**

- Higher trade volume during Greed
- Stable profitability during Fear
- Aggressive behavior in Greed markets

## **5. Trading Signals**

Controlled leverage strategies during Fear markets offer better risk-adjusted returns.

## **6. Conclusion**

Market sentiment significantly influences trader risk appetite and performance.