Bitcoin Data

Type: time series regression and classification.

1. **Raw Inputs:** open, high, low, close and volume. These values are collected from small periods of time.
2. **Extracted Features (MACD, MACD_Signal, RSI, SMA_20, SMA_50, MA 20, MA 20 close, STD 10 high, PP 10 vol):** you can increase/modify the number of features. If there is not enough number of values, it is assigned as 0. You can eliminate these rows.
    a. **MA 20:** moving average of open, high, low, and close of last 20 values.
    b. **MA 20 close:** moving average of close value last 20 values.
    c. **STD 10 high:** standard deviation of high values of last 10 values.
    d. **PP 10 vol:** peak to peak value of volume of last 10 values
3. Outputs:
    a. Regression: close predictions
    b. Classification: command [buy, sell, wait]