1. Abstract
2. Summary
3. Research
   1. OHLC bars (Open, High, Low, Close)
      1. Definition
         1. Open: the price the stock started at for that period of time
         2. Close: the price the stock ended at for that period of time
         3. High: the highest point the price reached for that period of time
         4. Close: the lowest point the price reached for that period of time
      2. Important Info
         1. Each bar has a set period of time that it represents so this should be taken into account when comparing different datasets and looking at the overall success of each model.
         2. All four pieces of data may contribute to the overall success of the ML model however, they could also end up being redundant features that may need to be filtered out.
4. Process and Findings
   1. Model training on one file.
      1. This method is being done to see the degree of accuracy that can be reached on a single piece of data. The last 10-20% of stock variation will be used as the test set and compared to the model’s predictions based on the first 80-90% of the stocks history. If this method can successfully train the model to a high percentage, then no further action may be needed. Most likely the model will need to be trained on the first 80-90% of multiple stocks before being capable of making accurate predictions.