DSCI 560 Lab 4 Meeting Notes

2/4/25
- Discussed the meeting schedule and planned tasks for the upcoming week.
- Reviewed algorithmic trading strategies from reference articles.
- Researched suggested algorithms.

2/5/25
- Discussed strategy for algorithm implementation.
- Decided on implementing an LSTM-based model for stock price prediction.
- Discussed the Moving Average Crossover strategy as an additional technique.
- Outlined steps for feature engineering, including the incorporation of technical indicators.

2/6/25
- Began initial code implementation for stock predictions.
- Conducted in-depth research on LSTM, Exponential Moving Averages, and RSI.
- Implemented technical indicators for feature engineering.
- Created an initial data preprocessing pipeline (normalization, sequence generation).
- Started implementing LSTM architecture for stock price predictions.

2/7/25
- Finalized stock predictions algorithm implementation.
- Worked on code for a mock trading environment.
- Began the lab report
- Evaluated performance metrics.

2/8/25
- Finished all code
- Finished the lab report.