**Notes taken on meetings outlining thoughts and plans**

**14/2/24**

**A graph paper with writing on it

Description automatically generated**

**21/2/24**

A paper with writing on it

Description automatically generated

**28/2/24**

* Next step – AWS
  + How to keep track of the day in the model
* Use seasonality in ARIMA
* Model selection for ARIMA
* Research ARIMA and LSTM
  + Model Selection
  + Hyper Parameter selection
* Navigating the Github
  + The cleaning files rely on the file path so any adjustments to structure need noting but would be good
  + Commenting on issues
* Changing the file path of the code to allow for the running of code in AWS

Meet on weekend

**3/2/24**

* The first ARIMA model and research
* Processing time as a variable
  + Model on seconds since start
  + Consider when the market is “off” – indicator variables
  + Just omit the blank space where nobody is trading (this one)
* Next steps
  + Process data so is continuous from day to day
  + Research on trading strategies – feature selection based on what is ideal
  + Continue with AWS
  + Presentation consideration:
    - ARIMAX/SARIMA + maths
    - LTSM
* Meet Monday