19/4

Figured out data was in String and not integer, therefore hard to compare

Too find index of data between 2 different time points, use “<” and “>” instead of comparing values using “=”

For very large numbers, convert String to Float and not int

For next time: Convert python arrays int numpy arrays and then do FFT on them and see if you get different frequencies for left and right

<https://courses.cs.washington.edu/courses/cse160/18sp/sections/09/numpy.pdf\>

22/4

npLeftOne.astype(np.float64)

Use this to convert from one type to another because we need float types for FFT

In EEG data, we get spikes around 8 – 12 Hz coz of alpha waves. A Spike at 10Hz doesn’t mean that the LED was blinking at 10 Hz, look for second biggest spike here

Change data from U6 type to float

Try to get results close to the fig preston provided

01/5

Convert all code to Pandas and modulate the code (make methods out of it) and then average the data of 5 trials to see if anything works

<https://pandas.pydata.org/pandas-docs/stable/getting_started/10min.html>

06/05

Average the data over 5 trials and make git repo and send it to Preston