Week 2 (November 29-December 6)

Tools used:

Python

Goal:

Objective:

1. Identify the start and stop of a “look away” instance.
2. Find the duration of this “look away” instance
3. Find the average “x” value for this “look away” instance
4. Average X vs median X… prevent
   1. To eliminate bias due to distractions in one direction over the other
5. Find peak to each distraction found
6. (IF time permits) interpolate missing data rather than removing the (-1)

Things to think about:

Use peak algorithm and then find the x values (left and right of the peak) until it reaches threshold

How accurate is this threshold?

What about missing data? (the -1). Will it affect interpretation of data?

Results: