ENPM809T - Autonomous Robots
Homework 4
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https://github.com/ShonBC/ENPM_809T_Autonomous_Robots/tree/master/Homework_4

Youtube Link for Arrow Detection: https://youtu.be/UUbwBEOEqDI

Question 2:

Question 3:
Step 8:

The RaspberryPi, on average, took less than 0.2 milliseconds to process each frame. This is slightly longer than the Stoplight detection with an average time less than 0.1 milliseconds per frame. In this assignment we are performing more computations so it makes sense that the processing time is longer.
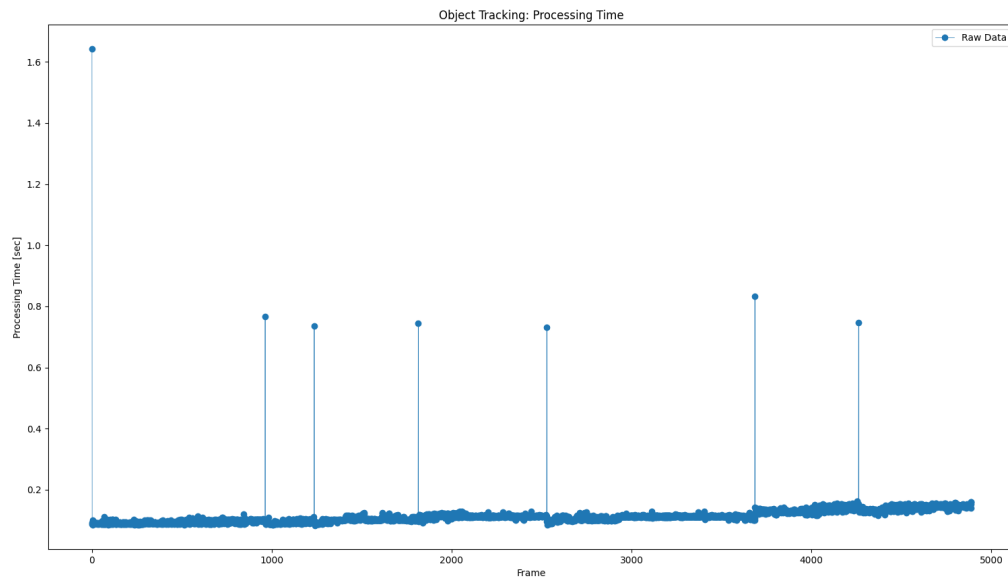

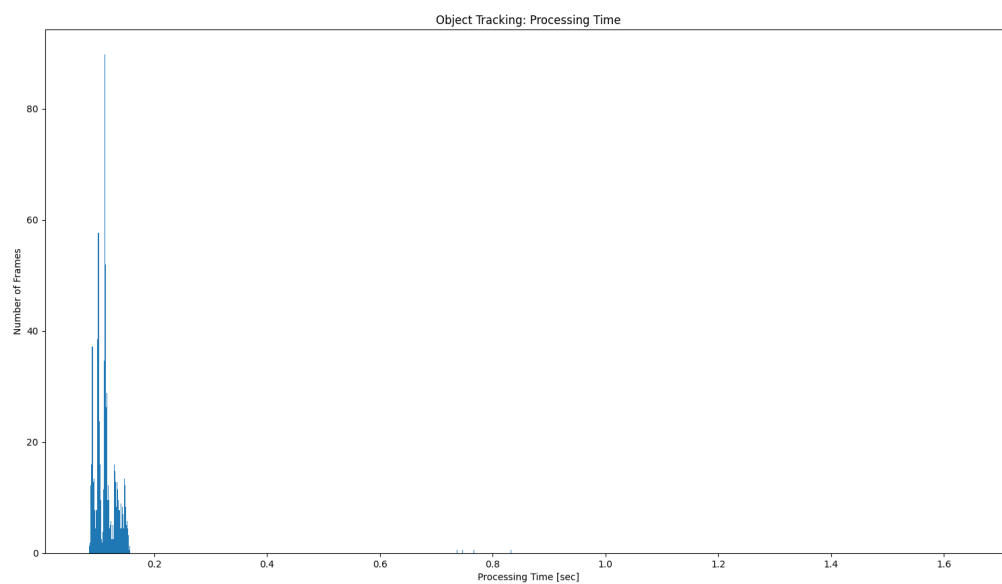Figure 1: Plot of unprocessed data showing the processing time for each frame.

Figure 2: Histogram of unprocessed data showing the grouping of processing time for each frame.