We receive a list from azure code that consists of the number of fish in every frame.

At first we plotted the data in matplotlib without any processing but it had a lot of spikes and it wasn’t smooth at all. So we decided to do the 3-frames method which is getting every 3 frames in the list to do calculations on them **ex:[1,2,3],[4,5,6]**. At first we did an average to the 3-frame method by getting the total of the fish in 3 frames and dividing it by 3 instead of displaying fish in every frame but it was way far from being accurate so we searched for a different solution then we made the moving method which is getting the 3 frames to do calculations then getting another 3 frames but in a single step **ex: [1,2,3],[2,3,4].** We averaged the 3 frames from the moving method like the 3-frames and it was better than the 3-frames method but wasn’t good enough to satisfy us then we decided to try plotting the maximum of the points instead of the average. We tried it first on the 3-frames method and the result was good, then we made it on the moving method and the result was pretty much what we needed.