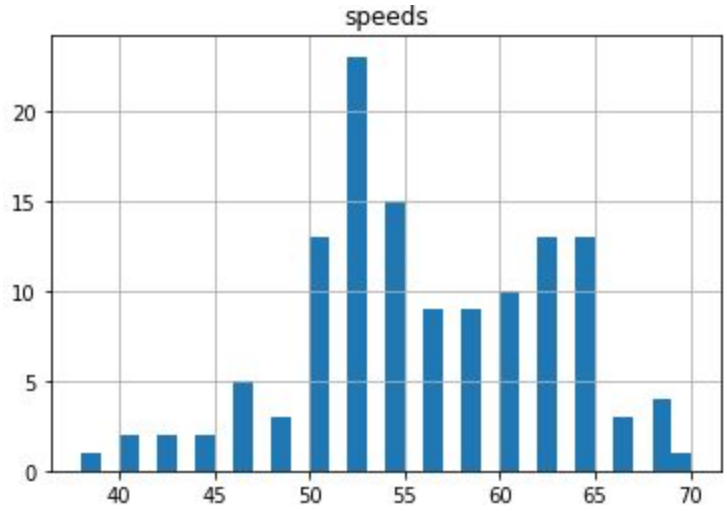
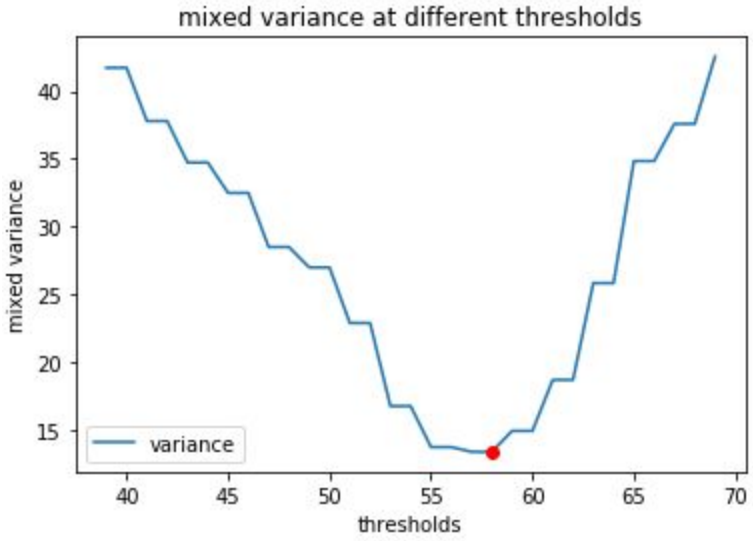
1. I estimate ~2 hours of work
2.
    a. No ethical issues
    b. The paintball is wrong and dangerous: costs money and might cause an accident
    c. 58mph
    d. 13.338
    e. My program would choose a higher threshold if there is a tie. No tie occurs however
    f. 

The histogram does show a valley near 58mph, which implies it is where 2 distributions meet
3.
    a.

	all elmts	without the last one
mode	7	7
median	14.5	14
midrange	22	22
average	15.775	15.20513
std dev	8.459519	7.753368

    b. The median and average shifted downward because the removed value was more than the original average/median. The mode remained unchanged because it wasn't 16. The scale of the changes was small for average due to the number of values, but exactly 0.5 for median because a single value was removed, so now there are an odd number of values and it can be a whole number
    c. Otsu's finds an ideal threshold of 22 mph, with mixed variance of 21.818

4. 

5.
    a. It took around 2.5 hours to finish this
    b. Most unexpected time on a programming task tends to come from debugging in my experience. Sometimes time is lost to rewriting a part of code to be more streamlined, or correct a misunderstanding in the requirements.