MLSP Assignment-1

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P1: MLE for uniform distribution

We are getting data points as [92, 95.8, 91.3, 94.1, 90.9].We can see that the minimum value(a) is 90.8 and the maximum value(b) is 95.8.

If we are to assume Prof. K used boundaries like 70 to 85 for A- and he only takes boundaries in multiples of 5; then it is safe to assume he must have used 85 to 95 for A and 95 to 100 for A+ or 85 to 90 for A and 90 to 100 for A+.

If we assume that he set boundaries from 95 to 100 for A+ students then we won't observe the above data points in A+ students category. Based on this, we can assume that a=90 and b=100 for A+ students according to prof. K.