

Part 1: data distribution and the law of large numbers

I spent a lot of time trying to figure out what was exactly the matter of the exercise. I wanted first to take as parameters the age of a population and their mass. But I quickly got lost in all random numbers, so I decided change mass parameter to eyes color following real percentage with far less different possible values.

It got better after this change, and I finally understood that goal was to demonstrate law of large numbers by checking difference between expected value and empirical mean and how it converges when size of data is large.

I just got issue on converging around 1 instead of 0 cause I created my array of eyes color with `numpy.random.randint()` instead of `numpy.random.choice()` so my custom probabilities for each value wasn't take into account.

After this fix everything went well.



