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Reflection 1

Before taking this class I had already taken more tradition probability statistic classes along with an information theory with Siddhartan last semester. Therefore a lot of the things that we have done in class have been review of the things that I have already learned in the past or are very similar. For example we did a lot of stuff with probability density functions in Info Theory so understand the concept of probability mass function came very easy to me. Also the lesson we did where we use the prior probability for each step was a bit new however we also did do something similar in Info Theory too. Prior to this class my understand of Bayesian was an idea where probabilities created based on prior knowledge.

What is a little confusing is that for the problems that we have done, we already know what the probability of the situations are. For example the M&M problem we already know what the ratios of the different colors in the bag already are. I thought that the point of Bayesian was to give every color an equal likelihood in the beginning and after many trials of picking out M&M, we would eventually get to a ratio that was very close to the actually ratio. I thought that Bayesian was useful when there is no way for us to actually open the bag to check what the colors were, but only can take out one at a time.