## Exercise: Probability II

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- 1. What are the two different types of data we covered from class, and how are they different?
- 2. What is a 'distribution' of data, and why is the concept valuable to us?
- 3. Please define the expected value
- 4. Please define variance and standard deviation
- 5. Why do we study the probability? More specifically, why do political scientists need to know about probability?