M5-03: Using scipy.stats for Distributions

Part of the "Polling, Confidence Intervals, and the Normal Distribution" Learning Badge **Video Walkthrough:** https://discovery.cs.illinois.edu/m5-03/

Summary of Functions on Distributions

Given any distribution that we have initialized into the variable D, we can use any of the following functions provided by scipy.stats:

Property	Python
Find the Expected Value (EV) of the distribution.	D.mean()
The 50%-tile result of a distribution.	D.median() D.ppf(0.5)
Standard Deviation of the distribution.	D.std()

Some of these values aren't always what you expect:

