(Correction: In the video at the 1:25 mark, the Confidence Interval upper and lower bounds are shown with values of .05%, but they should both be .5%, since .5 + .5 = 1.0%, and 1.0 + 99.0 = 100%.)

We can use bootstrapping and sampling distributions to build confidence intervals for our parameters of interest.

By finding the statistic that best estimates our parameter(s) of interest (say the sample mean to estimate the population mean or the difference in sample means to estimate the difference in population means), we can easily build confidence intervals for the parameter of interest.

**Solutions**

It is in your best interest to work through the solution notebooks on your own before looking at the solutions available for this course. However, if you get stuck or would like to double check your solutions, notice all of the solutions and data are available in the resources tab of this course.

NEXT