







Other Things to Consider - Impact of Large Sample Size

One of the most important aspects of interpreting any statistical results (and or overlooked) is assuring that your sample is truly representative of your populat

Particularly in the way that data is collected today in the age of computers, resi important to keep in mind. In the 2016 U.S election, polls conducted by many n a staggering difference from the reality of poll results. You can read about how a role here.

Hypothesis Testing vs. Machine Learning

With large sample sizes, hypothesis testing leads to even the smallest of finding **significant**. However, these findings might not be practically significant at all.

For example, imagine you find that **statistically** more people prefer beverage ' study of more than one million people. Based on this you decide to open a sho You then find out that beverage 1 is only more popular than beverage 2 by 0.00 significant amount with your large sample size). Practically, maybe you should h that sold both.

Hypothesis testing takes an aggregate approach towards the conclusions made these tests are aimed at understanding population parameters (which are aggr values).

Alternatively, machine learning techniques take an individual approach towards as they attempt to predict an outcome for each specific data point.

In the final lessons of this class, you will learn about two of the most fundamen approaches used in practice: linear and logistic regression.