A Day with the Inference Team

2 min

Catherine is now visiting all of the specialists on her team. Today she will join the Inference Team. They focus on measuring the impact of their work, and use statistics to find causal relationships (inferential statistics) and report on the data (descriptive statistics).

She's excited because she loves asking questions and always wants to know how things affect each other!

A lot of statistics is based on the idea of a distribution, so her first task is to look at the distribution of learner hours on the Codecademy site.

Instructions

There are many different types of distributions. The one on the right is called a normal distribution. These distributions are very common. In a normal distribution, the mean is the middle of the distribution and the standard deviation is the width.

Play with different values for the mean and standard deviation and see how the distribution changes.