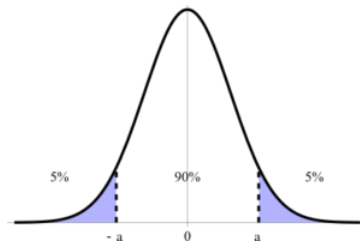


## 7.10: Introduction to Statistical Inference

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What you'll learn to do: Find a confidence interval to estimate a population proportion and test a hypothesis about a population proportion using a simulated sampling distribution or a normal model of the sampling distribution.



In this section, we will continue studying two flavors of inference that go hand in hand: confidence intervals and hypothesis tests. Constructing estimated confidence intervals help us understand if observed data is unusual or typical as well as providing a range of values for which the true mean might lie. We also will learn how to construct and conduct hypothesis test. These are powerful tools in exploring and understanding the real-life implications of the data.

### Contributors and Attributions

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