Inferential Statistical Process

Observational Studies

Start w/ question about _____, like:
- What percent of Bethel students are MC members?
- What is the ave. amt. of time college students in U.S. spend on HW per week?
- What percent of widgets from factory are defective?
  ⋮

① Identify population & _____ (quantity of interest).
② Choose _____ from population.
③ _____ & _____ data from sample.
④ _____ population parameter & _____.

Experimental Studies

Start w/ question about "_____", like:
- Is phenylephrine effective for relieving nasal congestion, when taken orally?
- Does the peer tutoring at the Learning Commons improve students' performance in their classes?

Same basic process, except must have "_____" & "_____." "Double - blind" is best.

In this class, we are focusing on:
- Collecting & analyzing data.

Today: collect & organize in Excel.