1. Know how to do all calculations BY HAND
   1. This includes finding degrees of freedom for a two-sample t-test. Which df do we use?
2. Be able to carry out a FULL PROCESS for both means and proportions (test and CI)
3. Know your conditions and to which inference procedure they apply.
4. Know how to choose a correct test!
   1. Particularly understand 2-sample t test vs. paired t-test!
   2. Why do we even do paired t-tests?
5. Be able to draw conclusions at various significance levels and interpret confidence intervals.
   1. What does our p-value mean?
   2. What does our confidence interval tell us?
   3. statistically significant vs practically significant.
6. Identify a correct set of hypotheses for a given test