The goal is to learn more about predictor sizes in data analysis, and the effects of differing predictor sizes.

Consider what are you going to present

Creating a tool to identify sample size needed?

Current regression model address prediction problem when the outcome is quantitative variable

Binary outcomes need different models

Logistic model

To achieve this goal:

* Learn about past experiments.
  + Read literature
  + Read code
  + Understand code
* Build off based on past projects
  + Quantify sample size needed to reach certain levels of prediction accuracy.
    - Finding what makes a predictor good?
  + Get computing facility
  + Turn into a package.