PSY 4802 PROJECT OUTLINE

Step D.

Create preregistration for the project.

Step E.

Submit knitted version of .Rmd file to canvas. This is to be a draft of data analysis with a graph representing the data. Does not need to be complete / correct. Must demonstrate direction.

Step F.

Submit knitted version of Rmd. files. Invisions revisions from original version. Incorporate feedback from peers and Dr. Woodward.

Step G.

Write project findings. Similar to a statistical approach section and a results section. Follow APA format.

Step H.

Share project. Share analysis via GitHub or the Open Science Framework.

**My Project Plan**

#### **Step D- Preregistration assignment**

1. Outline motivations for project
   1. What is my research question and hypothesis?
   2. What types of statistical analysis will I need to complete to answer my research question?
      1. What resources will analysis need? (packages, model assumptions, etc)

#### **Step E- Knitted .Rmd file to canvas assignment**

1. Code up statistical analysis
   1. What functions will I need to answer my research question?
   2. What will the model show us?
   3. What are the model assumptions?
   4. What does the model tell us about the data?
      1. Create other models, different parameters. Find best model.
2. Plot a basic graph of data
   1. Histogram for data assumptions
   2. Diagnostic plots for data

#### **Step F- Submit final knitted version of .Rmd file. Include revisions / improvements.**

1. Finalize the best statistical analysis.
   1. Model fit.
2. Include revisions from original file
   1. Update / improve analysis.
   2. Include feedback from peers and Dr. Woodward.

#### **Step G- Write findings from project.**

1. Statistical approach section
2. Results section

#### **Step H- Share work**

1. Share via GitHub and/or OSF
   1. Submit link to project