Project

Requirement:

- Each group selects at least one data set and follows the instructions.
- In each report, there must student names and IDs on the cover page, the table of content, the goals, and the references.
- R-Studio must be used to analyze the data and the codes must be inside framed environments. Detailed explanations must be provided to receive full credit.

Bonuses:

- Students can use extended models which are not provided in the course.
- Students can show their points of view to give significant comments in your report.
- Students use novel clinical/experimental datasets which are closely relative to their majors.

Instructions:

1. Import data:
2. Data cleaning: NA (Not available), missing
3. Data visualization
   (a) Transformation
   (b) Descriptive statistics for each of the variables
   (c) Graphs: hist, boxplot, pairs.
4. Hypothesis testing (if available): t.test, z.test, Anova, Chi-squared test.
5. Fitting linear regression models (if available).