

Proposal

Members: Jordan Dubeck, Jane Harvey, Madison Zurich, Grace Placko, Justice Milhoan

- Project **title**
 - "Practical Data Cleaning in R: A Look at the janitor Package"
- Members **duty**
 - Jordan: main features/question for another group
 - Jane: Why it is useful/examples
 - Grace: main feature/ example
 - Justice: Demonstration of how it works
 - Madison: intro to package/main features/prepare slides
- The **description of the package** in your project. For example, what is the package about, how large, the features you use for your project, etc.
 - **The Janitor Package**
(<https://www.rdocumentation.org/packages/janitor/versions/2.2.1>)
 - **Janitor has simple functions for examining and cleaning dirty data. It was built for beginning and intermediate R users with optimized user-friendliness. It should be noted that advanced R users can perform many of these tasks already, but with janitor, can do it much faster and save time thinking.**
 - **Main janitor functions:**
 - **Perfectly format data.frame column names**
 - **Create and format frequency tables of one, two, or three variables – think an improved table()**
 - **Provide other tools for cleaning and examining data.frames**
- The **goal of your project.**
 - **Introduce the class to the Janitor package, which aims to make data cleaning and organization easier for beginner and intermediate R users and hopefully teach some useful features that can be used for data science and data analysis.**
 - **Show how it can be easier to use than other packages used in class, as it able to be a convenient tool to examine and clean data. It has function names that are user friendly in name like remove_empty() or get_dupes().**