

- You are allowed at most one DATA steps and six PROC steps to complete this assignment.

Specifications:

- Create the InputDS *libref* and RawData *fileref* that are both associated with the data folder on your shared drive. As always, do this using relative paths. Also using relative paths that point directly to your HW2 folder, create your *libref* and *fileref* that are associated with the single location where you want to save your results from HW2. (This will likely be the last time I remind you to set up your references.)
- Read in the Baseball.dat file data set from your shared library on the L drive and use it to produce a report that matches my reports (plural!) found in HW2 Baseball Report.pdf and HW2 Baseball Report.rtf. There are a few elements you'll need that cannot be inferred from the provided report, for those I've provided these pointers!
 - The PDF uses the Journal style and the RTF uses the Sapphire style.
 - Name your files the way we did before, including your name as part of the file. For example, Tony Stark would create a file called HW2 Stark Baseball Report.
 - Subtitles use 10pt font and footnotes use 8pt font.
 - For those of you who are not familiar with baseball, there are often multiple teams from the same state, or even city, so take care when selecting records.
 - The two reports are not identical. The RTF includes some results that are excluded from the PDF. You already know how to identify and select/exclude output objects - but here you need to selectively place them in a particular destination. To do this, you'll need the following statements - it is up to you to figure out where to put them and what they do!
 - * ODS PDF EXCLUDE NONE;
 - * ODS PDF EXCLUDE ALL;
 - At several points in the report, I have applied a custom format to the Salary variable. That format is named Salary and is located in the InputDS library. As discussed in class and in your reading, it is possible to use a format from a permanent library. To use it in this assignment, you'll need to do the following:
 1. Include an OPTIONS statement that includes FMTSEARCH = (InputDS) after you've established this library. This will give you access to all formats in this library. (While you're at it - throw in a NODATE option in the same statement to get rid of the dates and times in your report headers.)
 2. Print out the format (only in the RTF) to see its definition. If necessary, you can choose which formats are included in your printout by using the SELECT statement and naming the format(s) you want to see.
 3. Do not redefine the format yourself! The goal here is to use one that has been provided to you!
 - The labels are rather long, and make the PROC MEANS results look pretty messy. Just like PROC PRINT has a LABEL option, PROC MEANS has a NOLABELS option - use it!
 - There are many players for whom the Salary is missing. However, we don't want to exclude these players. In both the MEANS and FREQ steps, these will be automatically filtered out because of the CLASS and TABLES statements, respectively. To fix this, use the MISSING option in both of these statements.

In these cases, as in many statements in SAS, options are applied after a forward slash in the statement you want to modify. For example, saying `CLASS Avar Bvar / MISSING;` adds the MISSING option to this CLASS statement.