

Lab 3

Stat 426

2021

Instructions

Complete all questions. To prepare for the randomly collected lab, follow the instructions on the class website to prepare the work for submission. These submission rules will apply to all labs throughout the semester.

SAS libraries

- (1) What is missing and incorrect about the following SAS program?
 - (a) This is an incomplete program for you to “debug”. There are missing statements that you need to fix, and there is also some syntax to fix. Fix this program so that it runs correctly.
 - (b) Print the data (not a physical print but with a PROC statement).

```
data ;
  name sex age height weight;
;
Alfred M 14 69.0 112.5
Alice F 13 56.5 84.0
Barbara F 13 65.3 98.0
Carol F 14 62.8 102.5
Henry M 14 63.5 102.5
James M 12 57.3 83.0
Jane F 12 59.8 84.5
Janet F 15 62.5 112.5
Jeffrey M 13 62.5 84.0
John M 12 59.0 99.5;
```

- (2) You need the data files from the `data1` folder of files on BbLearn. You will need to either access the S drive (`S:\Courses\stat-renaes\Stat426\data1`). If you are using vlab, the `data1` can be accessed by SAS in vlab
 - (a) Write a LIBNAME statement to provide access to the `data1` folder. Call your new library `Hercules` and verify that the library was created successfully (check the log)
 - (b) Use PROC PRINT to look at the file called `order_fact` in your new library
 - (c) Use PROC CONTENTS to look at the library `Hercules` (with `._ALL_ NODS`) and again for just the dataset `order_fact`
 - (d) Use PROC DATASETS to look at the library `Hercules` (with `._ALL_ NODS`) and again for just the dataset `order_fact`