

Lecture 1

SAS Basics

3 basic SAS files:

- 1) Program file - contains program statements that perform statistical and data manipulation tasks
- 2) Log file - contains diagnostic statements that helps one determine if a SAS program has any fatal programming errors.
- 3) Output file - contains results produced by the commands in the program file

2 Basic steps in a SAS program:

- 1) Data step - the part of the SAS program that reads in variables into named data files and provides labels for the variables. Data can be transformed by assignment statements, eg. $z = \log(x)$, two separate data sets can be merged, etc.