

Complete the SAS assignment below. Sent your SAS program (**program only with data**) to me in a SAS file called “SAS1 FirstInitialLastName” attached to an email which is titled “EXST7083 SAS1 FirstInitialLastName”. For example, I would sent the file “SAS1 JGeaghan” attached to an email which is titled “EXST7083 SAS1 JGeaghan”. Email the file to me by class time on Tuesday, March 13, 2007.

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/*
Below are the names of historic figures from the field of statistics.

1) Using SAS, sort and print the names alphabetically by LAST name.
2) Using SAS, find and print any name that contains the series of letters "Wil".
3) Using SAS, sort and print these names in random order.
4) Using SAS, sort and print these names in order of birthdate.
   Format the date with 9 characters such as 04Jul1776;
5) Using SAS, randomly select 8 of these names. Make sure you use a seed.
*/

dm"log;clear;output;clear";
options ps=256 ls=99 nocenter nodate nonumber nolabel;
OPTIONS FORMCHAR="|----+|----+|=|-\<>*" ;
TITLE1 'First SAS Problem - Spring 2007';

libname output 'C:\Geaghan\EXST\_SasChallenge';

DATA HistoricNames; length name $ 30; infile cards missover;
  Input obs DOB_Mo DOB_Day DOB_Year name $ 29-58;
  sasdate = mdy(DOB_Mo,DOB_Day,DOB_Year);
*-----1-----2-----3-----4-----5-----6-----7;
Datalines; run;
1      2      8      1700      Daniel Bernoulli
2      .      .      1702      Thomas Bayes
3      4      30      1777      Carl Friedrich Gauss
4      5      12      1820      Florence Nightingale
5      2      16      1822      Sir Francis Galton
6      3      27      1857      Karl Pearson
7      9      10      1863      Charles Spearman
8      6      13      1876      William Sealey Gosset
9      10     20      1881      George Waddell Snedecor
10     2      17      1890      Sir Ronald Aylmer Fisher
11     1      28      1892      Carlo Emilio Bonferroni
12     9      2      1892      Frank Wilcoxon
13     6      29      1893      Prasanta Chandra Mahalanobis
14     4      16      1894      Jerzy Neyman
15     8      11      1895      Egon Sharpe Pearson
16     11     28      1898      John Wishart
17     1      13      1900      Gertrude Mary Cox
18     10     14      1900      William Edwards Deming
19     5      12      1902      Frank Yates
20     4      25      1903      Andrei Nikolaevich Kolmogorov
21     6      17      1906      Samuel Stanley Wilks
22     7      15      1909      William Gemmell Cochran
23     8      23      1909      Florence Nightingale David
24     6      16      1915      John Wilder Tukey
25     11     20      1917      Leonard Jimmie Savage
26     1      31      1919      Oscar Kempthorne
;
proc sort; by name; run;
proc print; run;
RUN;

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