

SAS Problem Session 3

Scenario 1

Directions

This scenario uses the PS_Data.Patients and PS_Data.Measure data sets. Write a SAS program to do the following:

- Sort PS_Data.Patients and PS_Data.Measure by ID.
- Use the match-merging technique to combine PS_Data.Patients and PS_Data.Measure to create a new temporary data set named Work.Merged.
- Select observations for the patients under the age of 50.
- Sort the new data set, Work.Merged, by Age in descending order.
- Save the sorted data set as Work.Sortpatients.

Test Your Code

1. What the value of the Age variable for observation 6 in Work.Sortpatients?
2. What is the value of the Weight variable for observation 3 in Work.Sortpatients?

Scenario 2

Directions

This scenario uses the PS_Data.Empdata, PS_Data.Empdatu, and PS_Data.Empdatu2 data sets. Write a SAS program to do the following:

- Concatenate PS_Data.Empdata, PS_Data.Empdatu, and PS_Data.Empdatu2 to create Work.FlightEmpData.
- Create a macro variable named &Location and set the value of this macro variable to USA.
- Include only the observations whose value for Country is the value of the macro variable.
- Keep only observations whose salary is \$30,000 or greater.
- Sort the data by variable Salary in descending order.

Test Your Code

1. What is the value of Salary in observation 4?