Subject	**SAS Savvy August Newsletter**
From	SAS Savvy <admin@sassavvy.com>
To	Sunil Gupta <sunil@guptaprogramming.com>
Reply-To	Sunil Gupta <sunil@guptaprogramming.com>
Date	2014-09-03 16:13

GREETINGS!

SAS Savvy August Newsletter

SAS Savvy completes another Summer with more Member Quotes

Quote from UCSD Extension CDISC 101 Online class, Summer 2014 - "Thanks for teaching this class. I've learned a lot from your lectures. Hope to stay in contact.", Best, *Lulu Liu*

New member quote from the recent SAS Macro Programming webinar -"Thank you so much for the webinar. I found the webinar very useful.", Thanks, *Anbu Damodaran*

"This is very helpful for me. I appreciate very much you let me join this training. If possible in the near future, I would like to join your other seminars. I am so eager to learn to expand my knowledge. I really count on your help to help me grow.', Thanks, *Julie Chen, Clinical Programmer*
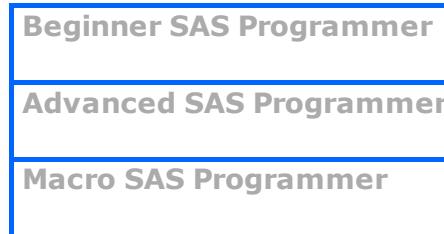
Thank you so much. I love these resources!', *Jonathan Aragon*

"I came be your website on recommendation of a friend who suggested that you give the best coaching for SAS.", *Sonali Kotagiri*

To continue to navigate SAS Savvy, you can use the standard left side menu or the new Site Mind Map which should take you to each page.

SAS Job Aids	SAS Programming Tasks	Savvy Resources

These are the three levels to fit all SAS programmers. I hope these levels make it easier to find SAS papers and tips to address your questions and needs. Let me know what you think. Remember, free SAS technical support is just an e-mail away.

Beginner SAS Programmer
Advanced SAS Programmer
Macro SAS Programmer

SAS Savvy Updates

Below are updates made in August. Cannot wait till the end of the month for updates? You can subscribe to free daily updates.

1. I just added a SAS paper on Proc Means as well as a presentation link.

2. In the common FAQ section for statistical analysis, I added a tip to calculate custom percentiles.

3. To make it easier to include special characters in titles and tables, I added an example and Unicode reference link to the common FAQ section. Hope this helps you as much as it helps me to be more productive.

4. In the Statistical Analysis section, I added the following links:

 a. Hands-on-workshop SAS paper on using stat procedures

 b. Comprehensive reference to statistical terms, formulas and examples

 c. SAS paper to compare similar stat procedures such as PROC GLM, PROC MIXED and PROC REG

 d. An annotated PROC REG SAS paper

5. I added the following new CDISC common FAQ -

What is the difference between 'extensible' and 'unmapped'? Having a variable that is extensible such as LBTESTCD allows the sponsor to add new lab test measurements in the value-level metadata without having to create a new lab test measurement variable or saving the results in the SUPPLB dataset. Unmapped variables are extra raw variables that do not exist in the CDISC specification.

6. What is an example of SAS macro programming without using any macro syntax? See the common FAQ SAS macro programming section for the answer.

7. I just added a common FAQ on PROC REPORT - Is there a SAS reference that lists outstanding PROC REPORT syntax?

8. In the DATA Step page, I added a link to a collection of DATA Step SAS examples.

9. In the Statistical Graphics section, I added a publication quality chart with example syntax options and layout.

10. In the common FAQs section, I added several DATA step and SAS macro programming questions to help you prepare for the advanced certification exam.

SAS Savvy Training

Thanks to TalentMine for sponsoring the three-part series on SAS Macro programming. Please see the video recordings if you missed the live session. Below is the schedule for the next two training sessions. As always, please e-mail me your favorite topic.

Best of Both Worlds - Proc SQL and Data Step Joins
02 Oct 2014 11:00 AM • Webinar Training
SAS Programming Tips I to prepare for SAS Base Certification
13 Nov 2014 11:00 AM • Webinar Training

Sincerely, Sunil Gupta, SAS Savvy Mentor