



Getting Started with PROC REPORT

Jane Eslinger

SAS Technical Support

Agenda

- Overview of PROC REPORT statements
- Examples:
 - 1) General PROC REPORT output
 - 2) ORDER Usage
 - 3) ORDER= Option
 - 4) GROUP Usage
 - 5) SPANROWS
 - 6) New Column
 - 7) Style Override

PROC REPORT Statements

- COLUMN – specify the report-items to use in the report
- DEFINE – specify how you want the report-item or column to be used
- BREAK/RBREAK – create a summary row at a specified location (BEFORE/AFTER)
- COMPUTE – start a compute block that will modify one or more columns
- CALL DEFINE – modify a column's attributes (format, style, url)
- LINE – add text between groups of rows

COLUMN Statement

The COLUMN statement is used to specify report-items and spanning headers.

- A report-item can be:
 - Variables from data set
 - New calculated columns
 - Keyword statistics
- Spanning headers are specified within parentheses in the COLUMN statement

DEFINE Statement

- Provide usage
 - DISPLAY
 - GROUP
 - ORDER
 - COMPUTED
 - ANALYSIS: sum, mean, min, etc.
 - ACROSS
- Specify report-item header text
- Apply style attributes via `STYLE(<location>)= option`

Compute Blocks

- Start with a COMPUTE statement, end with ENDCOMP statement
- Allow you to
 - modify values and attributes
 - perform special break processing
 - insert rows of text
- Contain
 - Assignment statements
 - Conditional statements
 - Arrays and DO loops
 - CALL DEFINE statements
 - LINE statements

Update Your Skills!

ELEMENTARY SCHOOL REPORT CARD

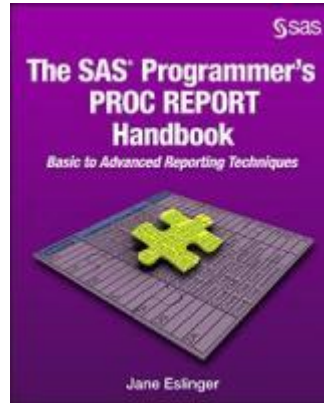
SCHOOL *Smelter*
 PUPIL *Florence Wilson*
 GRADE *7 B* YEAR-1944 19
 TEACHER *Ruth Kaban*

PERIODS	FIRST SEMESTER				SECOND SEMESTER				YEAR
	1	2	3	4	5	6	7	8	
DATE PRESENT	25	25	20		20	20	20	20	20
DATE ABSENT	2	1			5	1/2	0		
TIMES TARDY	0	1	2		0	0	0		
EFFORT	B	B	B		B	B	B		
ARITHMETIC	B	B	B		B	B	B		B
ENGLISH	B	B	B		B	B	B		B
READING	B	B	B		B	B	B		B
SPELLING									
S. SCIENCE									
DRAWING	C	B	B		B	B	B		B
PENMANSHIP									
HISTORY									
C. EVENTS									

SYSTEM OF GRADING

A - 90-100
 B - 80-90
 C - 70-80
 D - Below 70
 1 D - Conditional pass.
 More than 1 D retained in same grade.
 All entries in red ink should receive immediate attention.

Resources



Learn PROC REPORT!

Showing page 1 of 1

Customer	Date	Trip No.	Flight Id.	Flight Type	Aircraft	Office	Route flown	
AOL Business Contract Billing	24-01-2000	17500	312	Customer Charter	VA-007	Alco Springs	YB43 -> Y199 -> DE8K -> Y19K -> DE8K -> CRDA -> YB43	
	25-01-2000	17500	311	Customer Charter	VA-007	Alco Springs	YB43 -> CRDA -> DE8K -> Y19K -> DE8K -> CRDA -> YB43	
	27-02-2000	17501	326	Customer Charter	VA-007	Alco Springs	YB43 -> Y199 -> DE8K -> Y19K -> DE8K -> CRDA -> YB43	
	17-01-2000	17500	326	Customer Charter	VA-007	Alco Springs	YB43 -> CRDA -> DE8K -> Y19K -> DE8K -> CRDA -> YB43	
	26-02-2000	17519	326	Customer Charter	VA-007	Alco Springs	YB43 -> Y199 -> DE8K -> Y19K -> DE8K -> CRDA -> YB43	
	21-02-2000	17514	331	Customer Charter	VA-007	Alco Springs	YB43 -> CRDA -> DE8K -> Y19K -> DE8K -> CRDA -> YB43	
	26-02-2000	17501	341	Customer Charter	VA-007	Alco Springs	YB43 -> Y199 -> DE8K -> Y19K -> DE8K -> CRDA -> YB43	
	15-02-2000	17508	347	Customer Charter	VA-007	Alco Springs	YB43 -> CRDA -> DE8K -> Y19K -> DE8K -> CRDA -> YB43	
	AFL	02-02-2000	8205	12000	Customer Charter	VA-PVA	Easton -> Drexler	Y199 -> Y199 -> 000 -> YB43 -> 000 -> Y199 -> Y199
		15-11-2007	15880	12058	Customer Charter	VA-PVA	Easton -> Drexler	Y199 -> Y199
ADP	15-12-2000	4529	89	Customer Charter	VA-P99	Alco Springs	YB43 -> YB43 -> YB43	
	16-12-2000	4502	89	Customer Charter	VA-P99	Alco Springs	YB43 -> YB43 -> YB43	
	16-02-2000	8203	152	Customer Charter	VA-P99	Alco Springs	YB43 -> YB43 -> YB43	
	24-02-2000	8201	159	Customer Charter	VA-P99	Alco Springs	YB43 -> YB43 -> YB43	
Air Charter Network	01-05-2000	7912	163	Customer Charter	VA-LAC	Alco Springs	YB43 -> Y199 -> YB43	
Air Charter Network	08-03-2000	17500	346	Customer Charter	VA-007	Alco Springs	YB43 -> Y199 -> Y199 -> YB43	
Airline Aerial Photography	20-05-2000	15955	11207	Aerial Photography	VA-TCB	Easton -> Drexler	Y199 -> Y199	
Alliance Airlines	25-11-2010	20748	21910	Customer Charter	VA-DCS	Paris	Y199 -> Y199 -> Y199 -> Y199	
	13-04-2011	20808	21920	Customer Charter	VA-LBO	Paris	Y199 -> Y199 -> Y199	
	12-04-2011	20808	21920	Customer Charter	VA-LBO	Paris	Y199 -> Y199 -> Y199	

Report Writing 1: Essentials

<https://support.sas.com/edu/schedules.html?ctry=us&crs=RPT1>

