DATA auto ;

 INPUT make $ mpg rep78 weight foreign ;

CARDS;

AMC 22 3 2930 0

AMC 17 3 3350 0

AMC 22 . 2640 0

Audi 17 5 2830 1

Audi 23 3 2070 1

BMW 25 4 2650 1

Buick 20 3 3250 0

Buick 15 4 4080 0

Buick 18 3 3670 0

Buick 26 . 2230 0

Buick 20 3 3280 0

Buick 16 3 3880 0

Buick 19 3 3400 0

Cad. 14 3 4330 0

Cad. 14 2 3900 0

Cad. 21 3 4290 0

Chev. 29 3 2110 0

Chev. 16 4 3690 0

Chev. 22 3 3180 0

Chev. 22 2 3220 0

Chev. 24 2 2750 0

Chev. 19 3 3430 0

Datsun 23 4 2370 1

Datsun 35 5 2020 1

Datsun 24 4 2280 1

Datsun 21 4 2750 1

;

RUN;

ods rtf bodytitle file="Example 5 Output.rtf";

 proc report data=Auto missing nowd split="/"

 style(header)=[textalign=center] style(column)=[textalign=center];

 title1 "Auto Data";

 footnote "hahahahahahah";

 columns make foreign mpg rep78 weight;

 define make / Group 'Brand';

 define foreign / display 'Foreign';

 define mpg / display 'MPG';

 define rep78 / display 'Rep 78';

 define weight / display 'Weight';

 run;

 ods rtf text = "I'll bet my car looks better than yours.";

ods rtf close;

proc template;

 define style textstyle;

 parent=styles.rtf;

 style body from body /

 topmargin = 0.5in

 bottommargin = .5in

 leftmargin = 3in

 rightmargin = .5in;

 style header from header /

 foreground=black

 background=white

 font\_size=8pt

 font\_face="arial"

 /\*font\_weight= medium\*/

 just = R ;

/\* When titles and footnotes \*/

 style systemtitle from systemtitle /

 font\_size=8pt

 font\_face="arial"

 font\_style=italic

 /\*font\_weight=bold\*/;

 style table from table/

 frame = box /\*void, box, above/below, vsides/hsides, lhs/rhs \*/

 rules = all /\*none, all, cols, rows, groups \*/

 cellspacing=0.03pt /\* the space between table cells, allows background to show \*/

 borderwidth = 2pt /\* the width of the borders and rules \*/

 cellpadding=7 /\* the space between table cell contents and the cell border \*/

 just=L;

 style byline from byline /

 font\_size=8pt

 font\_face="arial"

 font\_style=roman ;

 style data from data /

 font\_size=8pt

 font\_face="arial"

 color = black

 background = white;

/\* when using ODS RTF/PDF Text \*/

 style usertext from usertext /

 foreground=black

 font\_size=12pt

 font\_style=roman

 font\_weight=bold;

 end;

run;

\*PROC REPORT TO PRODUCE TABLE

(WORKS FOR OTHER PROCEDURES SUCH AS PROC MEANS, PROC FREQ, PROC UNIVARIATE, PROC TABULATE, PROC REPORT, ETC…);

ods rtf bodytitle file="Example 5 Output.rtf" style=textstyle;

 proc report data=Auto missing nowd split="/"

 style(header)=[textalign=center] style(column)=[textalign=center];

 title1 "Auto Data";

 footnote "hahahahahahah";

 columns make foreign mpg rep78 weight;

 define make / Group 'Brand';

 define foreign / display 'Foreign';

 define mpg / display 'MPG';

 define rep78 / display 'Rep 78';

 define weight / display 'Weight';

 run;

 ods rtf text = "I'll bet my car looks better than yours.";

ods rtf close;

\*PROC TEMPLATE for GRAPHS;

proc template;

 define style textstyle2;

 parent=Textstyle;

style Graphlabeltext /

 fontsize = 5px;

style Graphfonts from GraphFonts /

 FONT\_Style = italic

 background = green

 'GraphValueFont' = ("Aria",5pt)

 'GraphLabelFont' = ("Aria",10pt)

 'GraphDataFont' = ("Aria",4pt)

 'GraphTitleFont' = ("Aria",19pt);

style GraphDataDefault from GraphDataDefault /

 color = Red

 LineStyle = 1

 MarkerSymbol="DIAMOND"

 contrastcolor = black;

style GraphData1 from GraphData1 /

 color = white

 LineStyle = 1

 MarkerSymbol="DIAMOND"

 contrastcolor = black;

style GraphData2 from GraphData2 /

 color = white

 LineStyle = 1

 MarkerSymbol="DIAMOND"

 contrastcolor = black;

style GraphData3 from GraphData3 /

 color = green

 LineStyle = 1

 MarkerSymbol="DIAMOND"

 contrastcolor = black;

style GraphData4 from GraphData4 /

 color = green

 LineStyle = 1

 MarkerSymbol="DIAMOND"

 contrastcolor = black;

style GraphBox from GraphComponent /

 displayopts = "fill|outline"

connect = "mean"

 capstyle = "serif";

end;

run;

\*PROC SGPLOT TO PRODUCE BOX BLOT;

ods rtf file="Example 2.rtf" style=textstyle2;

/\*Same Colored Graphs\*/

proc sgplot data = Auto noautolegend ;

 title justify = C 'Box Plot' ;

vbox mpg / category = Make

clusterwidth = 0.5 /\*fillattrs=(color=lightgreen)\*/;

XAXIS label="Brand" ;

YAXIS LABEL ="MPG" values=(0 to 35 by 5);

run;

/\*Different Colored Graphs\*/

proc sgplot data = Auto noautolegend ;

 title justify = C 'Box Plot' ;

 vbox mpg / category = Make group=make

clusterwidth = 0.5;

XAXIS label="Brand" ;

YAXIS LABEL="MPG" values=(0 to 35 by 5) ;

run;

ods rtf close;