```
1  ************************************************************;
2  *  Exporting Data to an Excel Workbook                     *;
3  ************************************************************;
4  *  Syntax and Example                                      *;
5  *                                                          *;
6  *    LIBNAME libref XLSX "path/file.xlsx";                 *;
7  *      <use libref for output table(s)>                    *;
8  *    LIBNAME libref CLEAR;                                 *;
9  ************************************************************;
10
11 libname myxl xlsx "&outpath/cars.xlsx";
12
13 data myxl.asiacars;
14     set sashelp.cars;
15     where origin='Asia';
16 run;
17
18 libname myxl clear;
19
20 ************************************************************;
21 *  Demo                                                    *;
22 *    1) Examine the DATA and PROC MEANS steps and          *;
23 *       identify the temporary SAS tables that will be     *;
24 *       created. Highlight the demo program and run the    *;
25 *       selected code.                                     *;
26 *    2) Add a LIBNAME statement to create a library named  *;
27 *       xlout that points to an Excel file named           *;
28 *       SOUTHPACIFIC.XLSX in the OUTPUT folder of the      *;
29 *       course data.                                       *;
30 *    3) Modify the DATA and PROC steps to write output     *;
31 *       tables to the xlout library.                       *;
32 *    4) Add a LIBNAME statement to clear the xlout         *;
33 *       libref. Highlight the demo program and run the     *;
34 *       selected code.                                     *;
35 *    5) Open Excel if it is available. Open the            *;
36 *       SOUTHPACIFIC.XLSX workbook and confirm that the    *;
37 *       data is contained in the worksheets that are       *;
38 *       named South_Pacific and Season_Stats.              *;
39 ************************************************************;
40 libname xlout xlsx "&outpath/southpacific.xlsx";
41 data xlout.South_Pacific ;
42     set pg1.storm_final;
43     where Basin="SP";
44 run;
45
46 proc means data=pg1.storm_final noprint maxdec=1;
47     where Basin="SP";
48     var MaxWindKM;
49     class Season;
50     ways 1;
51     output out=xlout.Season_Stats n=Count mean=AvgMaxWindKM max=StrongestWindKM;
52 run;
53
54
```