Execution Environment

Author:	u62457609
File:	
SAS Platform:	Linux LIN X64 3.10.0-1062.12.1.el7.x86_64
SAS Host:	ODAWS02-USW2-2.ODA.SAS.COM
SAS Version:	9.04.01M7P08062020
SAS Locale:	en_US
Submission Time:	3/10/2024, 12:43:39 AM
Browser Host:	C-174-63-42-246.HSD1.CO.COMCAST.NET
User Agent:	Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/122.0.0.0 Safari/537.36
Application Server:	ODAMID00-USW2-2.ODA.SAS.COM

Code: Linear Regression

```
/*
 *
 * Task code generated by SAS Studio 3.8
 *
 * Generated on '3/10/24, 12:43 AM'
 * Generated by 'u62457609'
 * Generated on server 'ODAWS02-USW2-2.ODA.SAS.COM'
 * Generated on SAS platform 'Linux LIN X64 3.10.0-1062.12.1.el7.x86_64'
 * Generated on SAS version '9.04.01M7P08062020'
 * Generated on browser 'Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like Gecko) Chr
 * Generated on web client 'https://odamid-usw2-2.oda.sas.com/SASStudio/main?locale=en_US&zone=GMT-07%253A00&ticket
 *
 */

ods noproctitle;
ods graphics / imagemap=on;

proc reg data=WORK.HOCKEY2 alpha=0.05 plots(only)=(diagnostics residuals
        fitplot observedbypredicted);
    model GA='1st Season'n /;
    run;
quit;
```

Log: Linear Regression

Notes (2)

```
1          OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
NOTE: ODS statements in the SAS Studio environment may disable some output features.
69
70         /*
71          *
72          * Task code generated by SAS Studio 3.8
73          *
74          * Generated on '3/10/24, 12:43 AM'
75          * Generated by 'u62457609'
76          * Generated on server 'ODAWS02-USW2-2.ODA.SAS.COM'
77          * Generated on SAS platform 'Linux LIN X64 3.10.0-1062.12.1.el7.x86_64'
78          * Generated on SAS version '9.04.01M7P08062020'
79          * Generated on browser 'Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like Gecko)
79       ! Chrome/122.0.0.0 Safari/537.36'
80          * Generated on web client
80       ! 'https://odamid-usw2-2.oda.sas.com/SASStudio/main?locale=en_US&zone=GMT-07%253A00&ticket=ST-76646-mZCGkzf2jneKtECkw96q-
80       ! s'
81          *
82          */
83
84         ods noproctitle;
85         ods graphics / imagemap=on;
86
87         proc reg data=WORK.HOCKEY2 alpha=0.05 plots(only)=(diagnostics residuals
88         fitplot observedbypredicted);
89         model GA='1st Season'n /;
90         run;

91         quit;

NOTE: PROCEDURE REG used (Total process time):
      real time           0.77 seconds
      user cpu time       0.30 seconds
```

```
system cpu time        0.04 seconds
memory                 18675.87k
OS Memory              43496.00k
Timestamp              03/10/2024 07:43:39 AM
Step Count                     60  Switch Count  22
Page Faults                    0
Page Reclaims                  14181
Page Swaps                     0
Voluntary Context Switches     975
Involuntary Context Switches   1
Block Input Operations         0
Block Output Operations        2216
```

```
92
93        OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
103
```

Results: Linear Regression

Model: MODEL1
Dependent Variable: GA

Number of Observations Read	99
Number of Observations Used	99

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	28865	28865	11.49	0.0010
Error	97	243643	2511.78210		
Corrected Total	98	272508			

Root MSE	50.11768	R-Square	0.1059
Dependent Mean	74.17172	Adj R-Sq	0.0967
Coeff Var	67.56980		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	7420.87897	2167.19243	3.42	0.0009
1st Season	1	-0.00036429	0.00010746	-3.39	0.0010

Model: MODEL1
Dependent Variable: GA

Observed by Predicted for GA

Fit Diagnostics for GA

Observations	99
Parameters	2
Error DF	97
MSE	2511.8
R-Square	0.1059
Adj R-Square	0.0967

Residuals for GA

Fit Plot for GA