The CONTENTS Procedure

Data Set Name	WORK.IMPORT2	Observations	39
Member Type	DATA	Variables	3
Engine	V9	Indexes	0
Created	01/10/2018 16:34:01	Observation Length	24
Last Modified	01/10/2018 16:34:01	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64		
Encoding	utf-8 Unicode (UTF-8)		

Engine/Host Dependent Information	
Data Set Page Size	65536
Number of Data Set Pages	1
First Data Page	1
Max Obs per Page	2714
Obs in First Data Page	39
Number of Data Set Repairs	0
Filename	/tmp/SAS_work724400000C61_localhost.localdomain/SAS_workF53200000C61_localhost.localdomain/import2.sas7bdat
Release Created	9.0401M5
Host Created	Linux
Inode Number	674514
Access Permission	rw-rw-r--
Owner Name	sasdemo
File Size	128KB
File Size (bytes)	131072

Alphabetic List of Variables and Attributes					
#	Variable	Type	Len	Format	Label
3	Pressure	Num	8	BEST.	Pressure
1	Strength	Num	8	BEST.	Strength
2	Temperature	Num	8	BEST.	Temperature

Obs	Strength	Temperature	Pressure
1	.	.	.
2	30.7	240	16
3	24.7	250	18
4	30.6	260	16
5	32.8	240	10
6	20.7	240	20
7	34.5	260	16
8	41.9	290	12
9	36.4	280	12
10	22.2	200	12
11	20.7	210	14
12	30.7	250	14
13	40.6	280	10

Obs	Strength	Temperature	Pressure
14	20.5	210	18
15	34.2	290	18
16	24.2	220	14
17	18.8	210	18
18	36.2	260	10
19	32.6	270	16
20	24.6	240	18
21	43	280	10
22	41	300	16
23	30.6	260	16
24	41	270	10
25	29.5	220	10
26	28.2	240	14
27	20.2	220	18
28	20.5	210	20
29	24.6	200	10
30	29.2	260	16
31	34.8	260	12
32	33.9	240	10
33	41.8	270	10
34	18.6	210	18
35	33.2	260	12
36	31.9	270	18
37	24.2	250	20
38	22.2	220	18
39	27.5	240	16

The MEANS Procedure

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
Strength	Strength	38	29.8289474	7.3142921	18.6000000	43.0000000
Temperature	Temperature	38	246.8421053	27.3224255	200.0000000	300.0000000
Pressure	Pressure	38	14.6315789	3.4202975	10.0000000	20.0000000

The REG Procedure
Model: MODEL1
Dependent Variable: Strength Strength

Number of Observations Read	39
Number of Observations Used	38
Number of Observations with Missing Values	1

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	1880.89158	940.44579	333.94	<.0001
Error	35	98.56658	2.81619		
Corrected Total	37	1979.45816			

Root MSE		1.67815	R-Square	0.9502

Dependent Mean	29.82895	Adj R-Sq	0.9474
Coeff Var	5.62591		

Parameter Estimates

Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	Intercept	1	-5.83145	3.03331	-1.92	0.0627
Temperature	Temperature	1	0.20445	0.01030	19.85	<.0001
Pressure	Pressure	1	-1.01194	0.08229	-12.30	<.0001

The REG Procedure
Model: MODEL1
Dependent Variable: Strength Strength

Fit Diagnostics for Strength

Observations	38
Parameters	3
Error DF	35
MSE	2.8162
R-Square	0.9502
Adj R-Square	0.9474

Residual by Regressors for Strength

Regression Line with Slope and Intercept

Parameter Estimates
Intercept = &Int
Slope = &Slope

Regression Line with Slope and Intercept

Parameter Estimates
Intercept = &Int
Slope = &Slope