

The CONTENTS Procedure

Data Set Name	WORK.IMPORT4	Observations	199
Member Type	DATA	Variables	3
Engine	V9	Indexes	0
Created	01/10/2018 16:44:27	Observation Length	24
Last Modified	01/10/2018 16:44:27	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	199
Number of Data Set Repairs	0
Filename	/tmp/SAS_work724400000C61_localhost.localdomain/SAS_workF53200000C61_localhost.localdomain/import4.sas7bdat
Release Created	9.0401M5
Host Created	Linux
Inode Number	674522
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
40	32.2	260	14
41	32.6	250	12
42	34.6	280	16
43	27.3	230	14
44	30.2	230	12
45	24.2	240	18
46	24.4	250	18
47	22.8	200	12
48	28.7	250	14
49	32.2	280	18
50	28.7	260	16
51	44.7	300	14
52	35.3	290	18
53	32.2	250	14
54	37.3	280	14
55	26.5	220	14
56	36.5	280	16
57	41.5	290	12
58	42.6	300	12
59	38.5	280	14
60	36.2	300	18
61	21.3	200	14
62	30.1	220	10
63	26.7	200	12

Obs	Strength	Temperature	Pressure
64	22.8	230	18
65	30.2	260	18
66	23.8	230	20
67	31.7	250	12
68	26.2	240	16
69	32.7	280	16
70	18.6	220	20
71	39.5	270	10
72	23.7	240	18
73	40.4	300	12
74	34.7	270	18
75	31.7	280	18
76	27.2	250	16
77	22.8	220	16
78	37.5	290	16
79	29.3	270	20
80	30.3	250	14
81	25.7	260	20
82	41	290	14
83	26.2	200	10
84	26.6	220	12
85	32.6	240	10
86	34.2	250	10
87	27.3	240	16
88	16.2	210	20
89	33.8	260	16
90	30.7	210	10
91	16.6	210	20
92	39.8	270	12
93	28.2	220	10
94	36.2	280	14
95	36.2	280	14
96	29.7	260	16
97	26.2	210	10
98	44.1	300	12
99	33.5	260	14
100	32.8	260	14
101	30.8	270	18
102	20.6	200	14
103	32.7	280	18
104	33.7	280	16
105	31.7	250	12
106	33	270	18
107	26.7	260	18
108	26.8	220	12
109	34.4	290	16
110	34.7	290	16
111	30.7	260	14
112	28.8	270	20
113	30.5	230	12

Obs	Strength	Temperature	Pressure
114	20.7	220	18
115	20.3	220	18
116	24.7	220	14
117	22.2	210	14
118	27.9	210	10
119	29	210	10
120	35.5	280	14
121	26.1	220	14
122	34.4	280	14
123	26.5	250	20
124	32.2	260	14
125	27.9	260	20
126	22.6	240	20
127	22.7	210	12
128	26.6	220	12
129	26.2	210	10
130	28.1	210	10
131	25.3	250	20
132	36.6	300	18
133	32.7	240	14
134	30.6	280	20
135	23.7	230	16
136	27	200	10
137	36.2	300	18
138	17.2	210	18
139	28.5	250	18
140	22.5	230	20
141	34.8	290	18
142	30.2	260	16
143	33.7	280	16
144	36.5	240	10
145	41.5	300	14
146	34.7	230	10
147	25.5	210	10
148	26.4	220	10
149	24.1	200	12
150	43.5	300	12
151	28.7	260	16
152	30.2	260	16
153	32.2	240	10
154	33.7	260	12
155	46.7	300	12
156	38.1	260	10
157	37.8	270	14
158	32.6	250	12
159	34.1	270	16
160	28.2	270	20
161	42.7	280	12
162	38.7	300	20
163	40.6	300	14

Obs	Strength	Temperature	Pressure
164	38.7	290	14
165	26.7	250	16
166	25.7	230	14
167	35.5	250	10
168	29.7	240	12
169	41.8	300	16
170	32.7	250	12
171	29.9	260	18
172	41.3	290	12
173	25.8	200	12
174	25.3	220	14
175	26.5	240	18
176	24.3	240	18
177	20.6	230	20
178	28.6	230	12
179	15.7	200	18
180	40.1	270	10
181	28.7	280	20
182	37.3	270	12
183	20.6	200	14
184	22.2	220	16
185	43.8	300	14
186	21.9	210	16
187	26.7	230	12
188	32.2	290	20
189	29.5	250	14
190	28.5	220	14
191	42.5	280	12
192	27.7	250	16
193	20.1	220	20
194	34.1	280	18
195	26.6	250	18
196	40.2	270	10
197	28.4	280	20
198	26.7	220	10
199	18.1	200	18

The MEANS Procedure

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
Strength	Strength	198	30.3555556	6.7033096	15.7000000	46.7000000
Temperature	Temperature	198	250.2525253	29.7610939	200.0000000	300.0000000
Pressure	Pressure	198	14.7777778	3.2526617	10.0000000	20.0000000

The REG Procedure
Model: MODEL1
Dependent Variable: Strength

Number of Observations Read	199
Number of Observations Used	198

Number of Observations with Missing Values	1
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Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	8327.98667	4163.99333	1549.33	<.0001
Error	195	524.08222	2.68760		
Corrected Total	197	8852.06889			

Root MSE	1.63939	R-Square	0.9408
Dependent Mean	30.35556	Adj R-Sq	0.9402
Coeff Var	5.40063		

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	Intercept	1	-4.33155	1.06666	-4.06	<.0001
Temperature	Temperature	1	0.20154	0.00396	50.86	<.0001
Pressure	Pressure	1	-1.06563	0.03625	-29.39	<.0001

The REG Procedure
Model: MODEL1
Dependent Variable: Strength Strength





