Program Summary - ProtradeScriptFinal.sas

Execution Environment

Author:	u59513296
File:	/home/u59513296/New Folder/FNT 105/ProtradeScriptFinal.sas
SAS Platform:	Linux LIN X64 3.10.0-1062.9.1.el7.x86_64
SAS Host:	ODAWS03-USW2.ODA.SAS.COM
SAS Version:	9.04.01M7P08062020
SAS Locale:	en_US
Submission Time:	7/5/2023, 11:51:44 PM
Browser Host:	142.186.96.99
User Agent:	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/114.0.0.0 Safari/537.36
Application Server:	ODAMID02-USW2.ODA.SAS.COM

Code: ProtradeScriptFinal.sas

```
proc import file="/home/u59513296/New Folder/FNT 105/Collated (Responses) XLS.xls"
out=PROTRADE
dbms=xls
replace;
getnames=yes;
run;
proc print data=PROTRADE;
run;
proc contents data=PROTRADE;
run;
proc freq data=PROTRADE;
table Age Income Income_Sources Preferred_Interactive_Feature Reason_For_Use Risk_Capacity Time_Stamp Trading_Platform Tr
run;
proc means data=PROTRADE min max mean median mode skewness ;
run;
proc univariate data=PROTRADE;
run;
PROC ANOVA DATA=PROTRADE;
CLASS Income;
MODEL Risk_Capacity=Income ;
RUN;
```

Log: ProtradeScriptFinal.sas

Notes (11)

```
1          OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
68
69         proc import file="/home/u59513296/New Folder/FNT 105/Collated (Responses) XLS.xls"
70         out=PROTRADE
71         dbms=xls
72         replace;
73         getnames=yes;
74         run;

NOTE: The import data set has 63 observations and 9 variables.
NOTE: WORK.PROTRADE data set was successfully created.
NOTE: PROCEDURE IMPORT used (Total process time):
      real time            0.00 seconds
      user cpu time        0.00 seconds
      system cpu time      0.00 seconds
      memory               1557.96k
      OS Memory            22424.00k
      Timestamp            07/06/2023 03:51:40 AM
      Step Count                     63  Switch Count  4
      Page Faults                    0
      Page Reclaims                  356
      Page Swaps                     0
      Voluntary Context Switches     29
      Involuntary Context Switches   0
      Block Input Operations         64
      Block Output Operations        264


75         proc print data=PROTRADE;
76         run;

NOTE: There were 63 observations read from the data set WORK.PROTRADE.
NOTE: PROCEDURE PRINT used (Total process time):
      real time            0.09 seconds
      user cpu time        0.09 seconds
      system cpu time      0.00 seconds
      memory               1233.59k
      OS Memory            21668.00k
```

```
      Timestamp              07/06/2023 03:51:40 AM
      Step Count                        64  Switch Count  0
      Page Faults                        0
      Page Reclaims                     81
      Page Swaps                         0
      Voluntary Context Switches         0
      Involuntary Context Switches       0
      Block Input Operations             0
      Block Output Operations           40


77         proc contents data=PROTRADE;
78         run;

NOTE: PROCEDURE CONTENTS used (Total process time):
      real time             0.03 seconds
      user cpu time         0.03 seconds
      system cpu time       0.00 seconds
      memory                1208.71k
      OS Memory             21928.00k
      Timestamp              07/06/2023 03:51:40 AM
      Step Count                        65  Switch Count  0
      Page Faults                        0
      Page Reclaims                    117
      Page Swaps                         0
      Voluntary Context Switches         0
      Involuntary Context Switches       0
      Block Input Operations             0
      Block Output Operations           24


79         proc freq data=PROTRADE;
80         table Age Income Income_Sources Preferred_Interactive_Feature Reason_For_Use Risk_Capacity Time_Stamp Trading_Platform
80       ! Trading_Period;
81         run;

NOTE: There were 63 observations read from the data set WORK.PROTRADE.
NOTE: PROCEDURE FREQ used (Total process time):
      real time             0.18 seconds
      user cpu time         0.18 seconds
      system cpu time       0.00 seconds
      memory                1091.50k
      OS Memory             21928.00k
      Timestamp              07/06/2023 03:51:40 AM
      Step Count                        66  Switch Count  2
      Page Faults                        0
      Page Reclaims                    200
      Page Swaps                         0
      Voluntary Context Switches        12
      Involuntary Context Switches       0
      Block Input Operations             0
      Block Output Operations          344


82         proc means data=PROTRADE min max mean median mode skewness ;
83         run;

NOTE: There were 63 observations read from the data set WORK.PROTRADE.
NOTE: PROCEDURE MEANS used (Total process time):
      real time             0.04 seconds
      user cpu time         0.05 seconds
      system cpu time       0.01 seconds
      memory                6355.40k
      OS Memory             27320.00k
      Timestamp              07/06/2023 03:51:41 AM
      Step Count                        67  Switch Count  1
      Page Faults                        0
      Page Reclaims                   1421
      Page Swaps                         0
      Voluntary Context Switches        18
      Involuntary Context Switches       0
      Block Input Operations             0
      Block Output Operations            0


84         proc univariate data=PROTRADE;
85         run;

NOTE: PROCEDURE UNIVARIATE used (Total process time):
      real time             0.36 seconds
      user cpu time         0.36 seconds
      system cpu time       0.00 seconds
      memory                981.40k
      OS Memory             22180.00k
      Timestamp              07/06/2023 03:51:41 AM
      Step Count                        68  Switch Count  0
      Page Faults                        0
      Page Reclaims                     65
      Page Swaps                         0
      Voluntary Context Switches         0
      Involuntary Context Switches       1
      Block Input Operations             0
```

Block Output Operations   128

```
86          PROC ANOVA DATA=PROTRADE;
87          CLASS Income;
88          MODEL Risk_Capacity=Income ;
89          RUN;

90
91          OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
101
```

Results: ProtradeScriptFinal.sas

Obs	Time_stamp	Age	Income	Trading_Platform	Reason_For_Use	Risk_Capacity	Income_Sources	Trading_Period	Preferred_Interactive_Feature
1	01DEC22:20:35:14	19	2400	1	1	0	1	1	5
2	01DEC22:20:44:45	23	1700	3	1	0	1	0	3
3	01DEC22:20:45:10	47	2200	2	5	1	2	1	5
4	01DEC22:20:50:54	22	3200	2	1	1	1	0	2
5	01DEC22:20:52:13	20	1800	1	2	1	1	1	3
6	01DEC22:20:52:32	34	4800	4	4	2	3	0	2
7	01DEC22:20:52:51	68	5500	4	4	3	4	1	5
8	01DEC22:21:10:45	26	1650	1	1	0	1	0	1
9	01DEC22:21:11:06	39	3700	2	2	1	2	1	2
10	01DEC22:21:15:35	41	1850	3	2	1	2	1	5
11	01DEC22:21:17:04	52	4400	5	5	3	4	1	5
12	01DEC22:21:17:30	66	9990	1	4	2	2	0	5
13	01DEC22:21:19:43	39	5800	5	1	2	2	0	2
14	01DEC22:22:01:57	40	1850	3	1	2	2	0	2
15	01DEC22:22:02:33	28	5400	2	3	1	4	1	4
16	01DEC22:22:03:25	51	7200	4	2	1	2	1	4
17	02DEC22:07:26:31	25	1200	3	3	1	1	0	5
18	02DEC22:13:55:36	38	5900	2	5	2	3	0	5
19	02DEC22:13:56:07	22	2300	5	1	1	2	1	4
20	02DEC22:13:56:26	21	1100	3	2	0	1	1	2
21	02DEC22:13:56:29	62	8800	3	3	1	4	1	3
22	02DEC22:13:56:34	62	7600	3	3	1	4	1	3
23	02DEC22:13:56:52	58	4900	4	2	0	1	1	3
24	02DEC22:13:56:59	43	5100	5	2	0	2	0	3
25	02DEC22:13:57:29	42	3300	1	2	1	4	1	5
26	02DEC22:13:57:53	41	6100	2	3	2	4	1	5
27	02DEC22:13:58:13	27	4750	4	2	0	1	1	1
28	02DEC22:13:58:39	68	3100	3	2	0	1	0	5
29	02DEC22:14:06:23	38	3900	2	2	0	4	1	3
30	02DEC22:14:06:51	31	5000	3	2	0	4	1	5
31	02DEC22:14:07:03	48	6000	2	3	1	2	1	1
32	02DEC22:14:07:15	56	7000	2	3	0	2	1	4
33	02DEC22:14:07:29	19	1500	1	2	2	1	0	4
34	02DEC22:22:51:51	26	1550	3	1	0	1	0	1
35	03DEC22:15:16:16	57	5400	3	3	1	2	0	3
36	03DEC22:15:16:34	44	8100	4	2	0	4	1	4
37	03DEC22:15:16:53	47	5800	4	3	2	3	0	3
38	03DEC22:15:17:15	37	3600	4	4	1	3	1	3
39	03DEC22:15:17:37	48	4700	4	5	3	2	0	5
40	03DEC22:15:19:06	43	5950	2	3	1	3	0	3
41	03DEC22:15:19:26	59	3700	5	5	0	2	1	2
42	03DEC22:15:19:49	57	5600	2	2	1	3	0	2
43	03DEC22:15:20:08	55	2800	4	5	1	3	0	3
44	03DEC22:15:21:01	52	2600	4	2	1	1	1	4
45	03DEC22:15:21:20	67	12000	2	3	3	2	1	4
46	03DEC22:15:23:45	31	2950	3	2	1	2	0	3
47	03DEC22:15:24:16	32	3200	2	3	2	3	1	3
48	03DEC22:15:24:44	19	5850	2	3	1	2	0	5
49	03DEC22:15:25:02	46	5500	4	3	1	2	0	3
50	03DEC22:15:25:43	48	3850	2	2	1	2	0	3
51	03DEC22:15:26:02	35	2150	2	2	1	2	0	3
52	03DEC22:15:26:49	38	4150	4	4	2	3	0	4
53	03DEC22:15:27:25	49	4250	2	4	2	3	1	5
54	03DEC22:15:27:46	27	2250	2	3	1	3	1	5
55	03DEC22:15:28:15	57	4650	4	4	2	3	1	4
56	03DEC22:15:28:52	54	2650	4	4	2	3	0	3
57	03DEC22:15:29:17	44	2800	2	2	1	2	1	3
58	03DEC22:15:29:37	59	4850	3	2	2	3	1	4
59	03DEC22:15:29:58	56	2000	3	4	2	2	0	5
60	03DEC22:15:30:32	44	2100	4	4	2	2	0	5
61	03DEC22:15:37:14	48	4500	4	4	1	3	1	2
62	03DEC22:15:37:43	36	5500	4	4	2	3	0	3
63	03DEC22:15:38:22	35	5600	4	3	1	3	0	5

The CONTENTS Procedure

Data Set Name	WORK.PROTRADE	**Observations**	63
Member Type	DATA	**Variables**	9
Engine	V9	**Indexes**	0
Created	07/05/2023 23:51:41	**Observation Length**	72

Last Modified	07/05/2023 23:51:41		**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	131072
Number of Data Set Pages	1
First Data Page	1
Max Obs per Page	1816
Obs in First Data Page	63
Number of Data Set Repairs	0
Filename	/saswork/SAS_workCD090001A52A_odaws03-usw2.oda.sas.com/SAS_workBDB40001A52A_odaws03-usw2.oda.sas.com/protrade.sas7bdat
Release Created	9.0401M7
Host Created	Linux
Inode Number	1610665754
Access Permission	rw-r--r--
Owner Name	u59513296
File Size	256KB
File Size (bytes)	262144

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Label
2	Age	Num	8	BEST18.	Age
3	Income	Num	8	BEST20.	Income
7	Income_Sources	Num	8	BEST18.	Income_Sources
9	Preferred_Interactive_Feature	Num	8	BEST20.	Preferred_Interactive_Feature
5	Reason_For_Use	Num	8	BEST20.	Reason_For_Use
6	Risk_Capacity	Num	8	BEST18.	Risk_Capacity
1	Time_stamp	Num	8	DATETIME16.	Time_stamp
8	Trading_Period	Num	8	BEST18.	Trading_Period
4	Trading_Platform	Num	8	BEST18.	Trading_Platform

The FREQ Procedure

Age

Age	Frequency	Percent	Cumulative Frequency	Cumulative Percent
19	3	4.76	3	4.76
20	1	1.59	4	6.35
21	1	1.59	5	7.94
22	2	3.17	7	11.11
23	1	1.59	8	12.70
25	1	1.59	9	14.29
26	2	3.17	11	17.46
27	2	3.17	13	20.63
28	1	1.59	14	22.22
31	2	3.17	16	25.40
32	1	1.59	17	26.98
34	1	1.59	18	28.57
35	2	3.17	20	31.75
36	1	1.59	21	33.33
37	1	1.59	22	34.92
38	3	4.76	25	39.68
39	2	3.17	27	42.86
40	1	1.59	28	44.44
41	2	3.17	30	47.62
42	1	1.59	31	49.21
43	2	3.17	33	52.38
44	3	4.76	36	57.14
46	1	1.59	37	58.73
47	2	3.17	39	61.90
48	4	6.35	43	68.25
49	1	1.59	44	69.84
51	1	1.59	45	71.43
52	2	3.17	47	74.60
54	1	1.59	48	76.19
55	1	1.59	49	77.78
56	2	3.17	51	80.95
57	3	4.76	54	85.71
58	1	1.59	55	87.30
59	2	3.17	57	90.48
62	2	3.17	59	93.65
66	1	1.59	60	95.24
67	1	1.59	61	96.83
68	2	3.17	63	100.00

Income

Income	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1100	1	1.59	1	1.59
1200	1	1.59	2	3.17

Income				
Income	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1500	1	1.59	3	4.76
1550	1	1.59	4	6.35
1650	1	1.59	5	7.94
1700	1	1.59	6	9.52
1800	1	1.59	7	11.11
1850	2	3.17	9	14.29
2000	1	1.59	10	15.87
2100	1	1.59	11	17.46
2150	1	1.59	12	19.05
2200	1	1.59	13	20.63
2250	1	1.59	14	22.22
2300	1	1.59	15	23.81
2400	1	1.59	16	25.40
2600	1	1.59	17	26.98
2650	1	1.59	18	28.57
2800	2	3.17	20	31.75
2950	1	1.59	21	33.33
3100	1	1.59	22	34.92
3200	2	3.17	24	38.10
3300	1	1.59	25	39.68
3600	1	1.59	26	41.27
3700	2	3.17	28	44.44
3850	1	1.59	29	46.03
3900	1	1.59	30	47.62
4150	1	1.59	31	49.21
4250	1	1.59	32	50.79
4400	1	1.59	33	52.38
4500	1	1.59	34	53.97
4650	1	1.59	35	55.56
4700	1	1.59	36	57.14
4750	1	1.59	37	58.73
4800	1	1.59	38	60.32
4850	1	1.59	39	61.90
4900	1	1.59	40	63.49
5000	1	1.59	41	65.08
5100	1	1.59	42	66.67
5400	2	3.17	44	69.84
5500	3	4.76	47	74.60
5600	2	3.17	49	77.78
5800	2	3.17	51	80.95
5850	1	1.59	52	82.54
5900	1	1.59	53	84.13
5950	1	1.59	54	85.71
6000	1	1.59	55	87.30
6100	1	1.59	56	88.89
7000	1	1.59	57	90.48
7200	1	1.59	58	92.06
7600	1	1.59	59	93.65
8100	1	1.59	60	95.24
8800	1	1.59	61	96.83
9990	1	1.59	62	98.41
12000	1	1.59	63	100.00

Income_Sources				
Income_Sources	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	13	20.63	13	20.63
2	23	36.51	36	57.14
3	17	26.98	53	84.13
4	10	15.87	63	100.00

Preferred_Interactive_Feature				
Preferred_Interactive_Feature	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	4	6.35	4	6.35
2	9	14.29	13	20.63
3	20	31.75	33	52.38
4	11	17.46	44	69.84
5	19	30.16	63	100.00

Reason_For_Use				
Reason_For_Use	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	8	12.70	8	12.70
2	21	33.33	29	46.03
3	16	25.40	45	71.43
4	12	19.05	57	90.48
5	6	9.52	63	100.00

Risk_Capacity				
Risk_Capacity	Frequency	Percent	Cumulative Frequency	Cumulative Percent

Risk_Capacity

Risk_Capacity	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	14	22.22	14	22.22
1	28	44.44	42	66.67
2	17	26.98	59	93.65
3	4	6.35	63	100.00

Time_stamp

Time_stamp	Frequency	Percent	Cumulative Frequency	Cumulative Percent
01DEC22:20:35:14	1	1.59	1	1.59
01DEC22:20:44:45	1	1.59	2	3.17
01DEC22:20:45:10	1	1.59	3	4.76
01DEC22:20:50:54	1	1.59	4	6.35
01DEC22:20:52:13	1	1.59	5	7.94
01DEC22:20:52:32	1	1.59	6	9.52
01DEC22:20:52:51	1	1.59	7	11.11
01DEC22:21:10:45	1	1.59	8	12.70
01DEC22:21:11:06	1	1.59	9	14.29
01DEC22:21:15:35	1	1.59	10	15.87
01DEC22:21:17:04	1	1.59	11	17.46
01DEC22:21:17:30	1	1.59	12	19.05
01DEC22:21:19:43	1	1.59	13	20.63
01DEC22:22:01:57	1	1.59	14	22.22
01DEC22:22:02:33	1	1.59	15	23.81
01DEC22:22:03:25	1	1.59	16	25.40
02DEC22:07:26:31	1	1.59	17	26.98
02DEC22:13:55:36	1	1.59	18	28.57
02DEC22:13:56:07	1	1.59	19	30.16
02DEC22:13:56:26	1	1.59	20	31.75
02DEC22:13:56:29	1	1.59	21	33.33
02DEC22:13:56:34	1	1.59	22	34.92
02DEC22:13:56:52	1	1.59	23	36.51
02DEC22:13:56:59	1	1.59	24	38.10
02DEC22:13:57:29	1	1.59	25	39.68
02DEC22:13:57:53	1	1.59	26	41.27
02DEC22:13:58:13	1	1.59	27	42.86
02DEC22:13:58:39	1	1.59	28	44.44
02DEC22:14:06:23	1	1.59	29	46.03
02DEC22:14:06:51	1	1.59	30	47.62
02DEC22:14:07:03	1	1.59	31	49.21
02DEC22:14:07:15	1	1.59	32	50.79
02DEC22:14:07:29	1	1.59	33	52.38
02DEC22:22:51:51	1	1.59	34	53.97
03DEC22:15:16:16	1	1.59	35	55.56
03DEC22:15:16:34	1	1.59	36	57.14
03DEC22:15:16:53	1	1.59	37	58.73
03DEC22:15:17:15	1	1.59	38	60.32
03DEC22:15:17:37	1	1.59	39	61.90
03DEC22:15:19:06	1	1.59	40	63.49
03DEC22:15:19:26	1	1.59	41	65.08
03DEC22:15:19:49	1	1.59	42	66.67
03DEC22:15:20:08	1	1.59	43	68.25
03DEC22:15:21:01	1	1.59	44	69.84
03DEC22:15:21:20	1	1.59	45	71.43
03DEC22:15:23:45	1	1.59	46	73.02
03DEC22:15:24:16	1	1.59	47	74.60
03DEC22:15:24:44	1	1.59	48	76.19
03DEC22:15:25:02	1	1.59	49	77.78
03DEC22:15:25:43	1	1.59	50	79.37
03DEC22:15:26:02	1	1.59	51	80.95
03DEC22:15:26:49	1	1.59	52	82.54
03DEC22:15:27:25	1	1.59	53	84.13
03DEC22:15:27:46	1	1.59	54	85.71
03DEC22:15:28:15	1	1.59	55	87.30
03DEC22:15:28:52	1	1.59	56	88.89
03DEC22:15:29:17	1	1.59	57	90.48
03DEC22:15:29:37	1	1.59	58	92.06
03DEC22:15:29:58	1	1.59	59	93.65
03DEC22:15:30:32	1	1.59	60	95.24
03DEC22:15:37:14	1	1.59	61	96.83
03DEC22:15:37:43	1	1.59	62	98.41
03DEC22:15:38:22	1	1.59	63	100.00

Trading_Platform

Trading_Platform	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	6	9.52	6	9.52
2	19	30.16	25	39.68
3	14	22.22	39	61.90
4	19	30.16	58	92.06
5	5	7.94	63	100.00

Trading_Period

Trading_Period	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	30	47.62	30	47.62
1	33	52.38	63	100.00

The MEANS Procedure

Variable	Label	Minimum	Maximum	Mean	Median	Mode	Skewness
Time_stamp	Time_stamp	1985546114	1985701102	1985635696	1985609235	.	-0.2055907
Age	Age	19.0000000	68.0000000	42.3174603	43.0000000	48.0000000	-0.0018631
Income	Income	1100.00	12000.00	4310.95	4250.00	5500.00	0.9729012
Trading_Platform	Trading_Platform	1.0000000	5.0000000	2.9682540	3.0000000	2.0000000	-0.0021327
Reason_For_Use	Reason_For_Use	1.0000000	5.0000000	2.7936508	3.0000000	2.0000000	0.2939539
Risk_Capacity	Risk_Capacity	0	3.0000000	1.1746032	1.0000000	1.0000000	0.2969388
Income_Sources	Income_Sources	1.0000000	4.0000000	2.3809524	2.0000000	2.0000000	0.1878395
Trading_Period	Trading_Period	0	1.0000000	0.5238095	1.0000000	1.0000000	-0.0976877
Preferred_Interactive_Feature	Preferred_Interactive_Feature	1.0000000	5.0000000	3.5079365	3.0000000	3.0000000	-0.2791064

The UNIVARIATE Procedure
Variable: Time_stamp (Time_stamp)

Moments

N	63	**Sum Weights**	63
Mean	1985635696	**Sum Observations**	1.25095E11
Std Deviation	64430.7026	**Variance**	4151315437
Skewness	-0.2055907	**Kurtosis**	-1.6510395
Uncorrected SS	2.48393E20	**Corrected SS**	2.57382E11
Coeff Variation	0.00324484	**Std Error Mean**	8117.50552

Basic Statistical Measures

Location		Variability	
Mean	1.9856E9	**Std Deviation**	64431
Median	1.9856E9	**Variance**	4151315437
Mode	.	**Range**	154988
		Interquartile Range	148879

Tests for Location: Mu0=0

Test		Statistic	p Value	
Student's t	t	244611.6	Pr > |t|	<.0001
Sign	M	31.5	Pr >= |M|	<.0001
Signed Rank	S	1008	Pr >= |S|	<.0001

Quantiles (Definition 5)

Level	Quantile
100% Max	1985701102
99%	1985701102
95%	1985700632
90%	1985700557
75% Q3	1985700284
50% Median	1985609235
25% Q1	1985551405
10%	1985547171
5%	1985547054
1%	1985546114
0% Min	1985546114

Extreme Observations

Lowest		Highest	
Value	Obs	Value	Obs
1985546114	1	1985700598	59
1985546685	2	1985700632	60
1985546710	3	1985701034	61
1985547054	4	1985701063	62
1985547133	5	1985701102	63

The UNIVARIATE Procedure
Variable: Age (Age)

Moments

N	63	**Sum Weights**	63
Mean	42.3174603	**Sum Observations**	2666
Std Deviation	13.8375662	**Variance**	191.478239
Skewness	-0.0018631	**Kurtosis**	-0.9119705
Uncorrected SS	124690	**Corrected SS**	11871.6508
Coeff Variation	32.699425	**Std Error Mean**	1.74336947

Basic Statistical Measures

Location		Variability	
Mean	42.31746	**Std Deviation**	13.83757
Median	43.00000	**Variance**	191.47824
Mode	48.00000	**Range**	49.00000
		Interquartile Range	23.00000

Tests for Location: Mu0=0

Test	Statistic		p Value	
Student's t	t	24.27337	Pr > |t|	<.0001
Sign	M	31.5	Pr >= |M|	<.0001
Signed Rank	S	1008	Pr >= |S|	<.0001

Quantiles (Definition 5)

Level	Quantile
100% Max	68
99%	68
95%	66
90%	59
75% Q3	54
50% Median	43
25% Q1	31
10%	22
5%	20
1%	19
0% Min	19

Extreme Observations

Lowest		Highest	
Value	Obs	Value	Obs
19	48	62	22
19	33	66	12
19	1	67	45
20	5	68	7
21	20	68	28

The UNIVARIATE Procedure
Variable: Income (Income)

Moments

N	63	Sum Weights	63
Mean	4310.95238	Sum Observations	271590
Std Deviation	2201.93662	Variance	4848524.88
Skewness	0.97290123	Kurtosis	1.50386461
Uncorrected SS	1471420100	Corrected SS	300608543
Coeff Variation	51.0777301	Std Error Mean	277.417938

Basic Statistical Measures

Location		Variability	
Mean	4310.952	Std Deviation	2202
Median	4250.000	Variance	4848525
Mode	5500.000	Range	10900
		Interquartile Range	3200

Tests for Location: Mu0=0

Test	Statistic		p Value	
Student's t	t	15.53956	Pr > |t|	<.0001
Sign	M	31.5	Pr >= |M|	<.0001
Signed Rank	S	1008	Pr >= |S|	<.0001

Quantiles (Definition 5)

Level	Quantile
100% Max	12000
99%	12000
95%	8100
90%	7000
75% Q3	5600
50% Median	4250
25% Q1	2400
10%	1800
5%	1550
1%	1100
0% Min	1100

Extreme Observations

Lowest		Highest	
Value	Obs	Value	Obs
1100	20	7600	22
1200	17	8100	36
1500	33	8800	21
1550	34	9990	12
1650	8	12000	45

The UNIVARIATE Procedure
Variable: Trading_Platform (Trading_Platform)

Moments

N	63	Sum Weights	63
Mean	2.96825397	Sum Observations	187

Moments			
Std Deviation	1.14958974	Variance	1.32155658
Skewness	-0.0021327	Kurtosis	-0.978954
Uncorrected SS	637	Corrected SS	81.9365079
Coeff Variation	38.7294941	Std Error Mean	0.14483469

Basic Statistical Measures			
Location		Variability	
Mean	2.968254	Std Deviation	1.14959
Median	3.000000	Variance	1.32156
Mode	2.000000	Range	4.00000
		Interquartile Range	2.00000

Note: The mode displayed is the smallest of 2 modes with a count of 19.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	20.49408	Pr > |t|	<.0001
Sign	M	31.5	Pr >= |M|	<.0001
Signed Rank	S	1008	Pr >= |S|	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	5
99%	5
95%	5
90%	4
75% Q3	4
50% Median	3
25% Q1	2
10%	2
5%	1
1%	1
0% Min	1

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
1	33	5	11
1	25	5	13
1	12	5	19
1	8	5	24
1	5	5	41

The UNIVARIATE Procedure
Variable: Reason_For_Use (Reason_For_Use)

Moments			
N	63	Sum Weights	63
Mean	2.79365079	Sum Observations	176
Std Deviation	1.1799225	Variance	1.3922171
Skewness	0.29395388	Kurtosis	-0.7787296
Uncorrected SS	578	Corrected SS	86.3174603
Coeff Variation	42.2358622	Std Error Mean	0.14865626

Basic Statistical Measures			
Location		Variability	
Mean	2.793651	Std Deviation	1.17992
Median	3.000000	Variance	1.39222
Mode	2.000000	Range	4.00000
		Interquartile Range	2.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	18.79269	Pr > |t|	<.0001
Sign	M	31.5	Pr >= |M|	<.0001
Signed Rank	S	1008	Pr >= |S|	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	5
99%	5
95%	5
90%	4
75% Q3	4
50% Median	3
25% Q1	2
10%	1
5%	1
1%	1
0% Min	1

Extreme Observations			
Lowest		**Highest**	
Value	**Obs**	**Value**	**Obs**
1	34	5	11
1	19	5	18
1	14	5	39
1	13	5	41
1	8	5	43

The UNIVARIATE Procedure
Variable: Risk_Capacity (Risk_Capacity)

Moments			
N	63	**Sum Weights**	63
Mean	1.17460317	**Sum Observations**	74
Std Deviation	0.85269369	**Variance**	0.72708653
Skewness	0.29693884	**Kurtosis**	-0.4963589
Uncorrected SS	132	**Corrected SS**	45.0793651
Coeff Variation	72.5941928	**Std Error Mean**	0.10742931

Basic Statistical Measures			
Location		**Variability**	
Mean	1.174603	**Std Deviation**	0.85269
Median	1.000000	**Variance**	0.72709
Mode	1.000000	**Range**	3.00000
		Interquartile Range	1.00000

Tests for Location: Mu0=0				
Test		**Statistic**	**p Value**	
Student's t	t	10.93373	Pr > |t|	<.0001
Sign	M	24.5	Pr >= |M|	<.0001
Signed Rank	S	612.5	Pr >= |S|	<.0001

Quantiles (Definition 5)	
Level	**Quantile**
100% Max	3
99%	3
95%	3
90%	2
75% Q3	2
50% Median	1
25% Q1	1
10%	0
5%	0
1%	0
0% Min	0

Extreme Observations			
Lowest		**Highest**	
Value	**Obs**	**Value**	**Obs**
0	41	2	62
0	36	3	7
0	34	3	11
0	32	3	39
0	30	3	45

The UNIVARIATE Procedure
Variable: Income_Sources (Income_Sources)

Moments			
N	63	**Sum Weights**	63
Mean	2.38095238	**Sum Observations**	150
Std Deviation	0.99074054	**Variance**	0.98156682
Skewness	0.1878395	**Kurtosis**	-0.9567415
Uncorrected SS	418	**Corrected SS**	60.8571429
Coeff Variation	41.6111027	**Std Error Mean**	0.12482158

Basic Statistical Measures			
Location		**Variability**	
Mean	2.380952	**Std Deviation**	0.99074
Median	2.000000	**Variance**	0.98157
Mode	2.000000	**Range**	3.00000
		Interquartile Range	1.00000

Tests for Location: Mu0=0				
Test		**Statistic**	**p Value**	
Student's t	t	19.07485	Pr > |t|	<.0001
Sign	M	31.5	Pr >= |M|	<.0001
Signed Rank	S	1008	Pr >= |S|	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	4
99%	4
95%	4
90%	4
75% Q3	3
50% Median	2
25% Q1	2
10%	1
5%	1
1%	1
0% Min	1

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
1	44	4	25
1	34	4	26
1	33	4	29
1	28	4	30
1	27	4	36

The UNIVARIATE Procedure
Variable: Trading_Period (Trading_Period)

Moments			
N	63	Sum Weights	63
Mean	0.52380952	Sum Observations	33
Std Deviation	0.50344436	Variance	0.25345622
Skewness	-0.0976877	Kurtosis	-2.0568107
Uncorrected SS	33	Corrected SS	15.7142857
Coeff Variation	96.1121046	Std Error Mean	0.06342803

Basic Statistical Measures			
Location		Variability	
Mean	0.523810	Std Deviation	0.50344
Median	1.000000	Variance	0.25346
Mode	1.000000	Range	1.00000
		Interquartile Range	1.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	8.258329	Pr > |t|	<.0001
Sign	M	16.5	Pr >= |M|	<.0001
Signed Rank	S	280.5	Pr >= |S|	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	1
99%	1
95%	1
90%	1
75% Q3	1
50% Median	1
25% Q1	0
10%	0
5%	0
1%	0
0% Min	0

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	63	1	54
0	62	1	55
0	60	1	57
0	59	1	58
0	56	1	61

The UNIVARIATE Procedure
Variable: Preferred_Interactive_Feature (Preferred_Interactive_Feature)

Moments			
N	63	Sum Weights	63
Mean	3.50793651	Sum Observations	221
Std Deviation	1.24269499	Variance	1.54429083
Skewness	-0.2791064	Kurtosis	-0.9087782
Uncorrected SS	871	Corrected SS	95.7460317
Coeff Variation	35.4252418	Std Error Mean	0.15656485

Basic Statistical Measures

Location		Variability	
Mean	3.507937	Std Deviation	1.24269
Median	3.000000	Variance	1.54429
Mode	3.000000	Range	4.00000
		Interquartile Range	2.00000

Tests for Location: Mu0=0

Test		Statistic	p Value	
Student's t	t	22.40565	Pr > |t|	<.0001
Sign	M	31.5	Pr >= |M|	<.0001
Signed Rank	S	1008	Pr >= |S|	<.0001

Quantiles (Definition 5)

Level	Quantile
100% Max	5
99%	5
95%	5
90%	5
75% Q3	5
50% Median	3
25% Q1	3
10%	2
5%	1
1%	1
0% Min	1

Extreme Observations

Lowest		Highest	
Value	Obs	Value	Obs
1	34	5	53
1	31	5	54
1	27	5	59
1	8	5	60
2	61	5	63

The ANOVA Procedure

Class Level Information

Class	Levels	Values
Income	54	1100 1200 1500 1550 1650 1700 1800 1850 2000 2100 2150 2200 2250 2300 2400 2600 2650 2800 2950 3100 3200 3300 3600 3700 3850 3900 4150 4250 4400 4500 4650 4700 4750 4800 4850 4900 5000 5100 5400 5500 5600 5800 5850 5900 5950 6000 6100 7000 7200 7600 8100 8800 9990 12000

Number of Observations Read	63
Number of Observations Used	63

The ANOVA Procedure

Dependent Variable: Risk_Capacity Risk_Capacity

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	53	41.57936508	0.78451632	2.02	0.1291
Error	9	3.50000000	0.38888889		
Corrected Total	62	45.07936508			

R-Square	Coeff Var	Root MSE	Risk_Capacity Mean
0.922359	53.09108	0.623610	1.174603

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Income	53	41.57936508	0.78451632	2.02	0.1291

Distribution of Risk_Capacity